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Part 1

# GROUND WATER IN ONTARIO

Part 1

SOUTHWESTERN AREA  
1964—1967







**WATER RESOURCES  
BULLETIN 2-10**  
Ground water series

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**GROUND WATER  
IN ONTARIO  
SOUTHWESTERN AREA  
1964 to 1967**

**ONTARIO WATER RESOURCES COMMISSION**

**DIVISION OF WATER RESOURCES**

**TORONTO**

**ONTARIO**

WATER RESOURCES  
BULLETIN 2-10  
Ground water series



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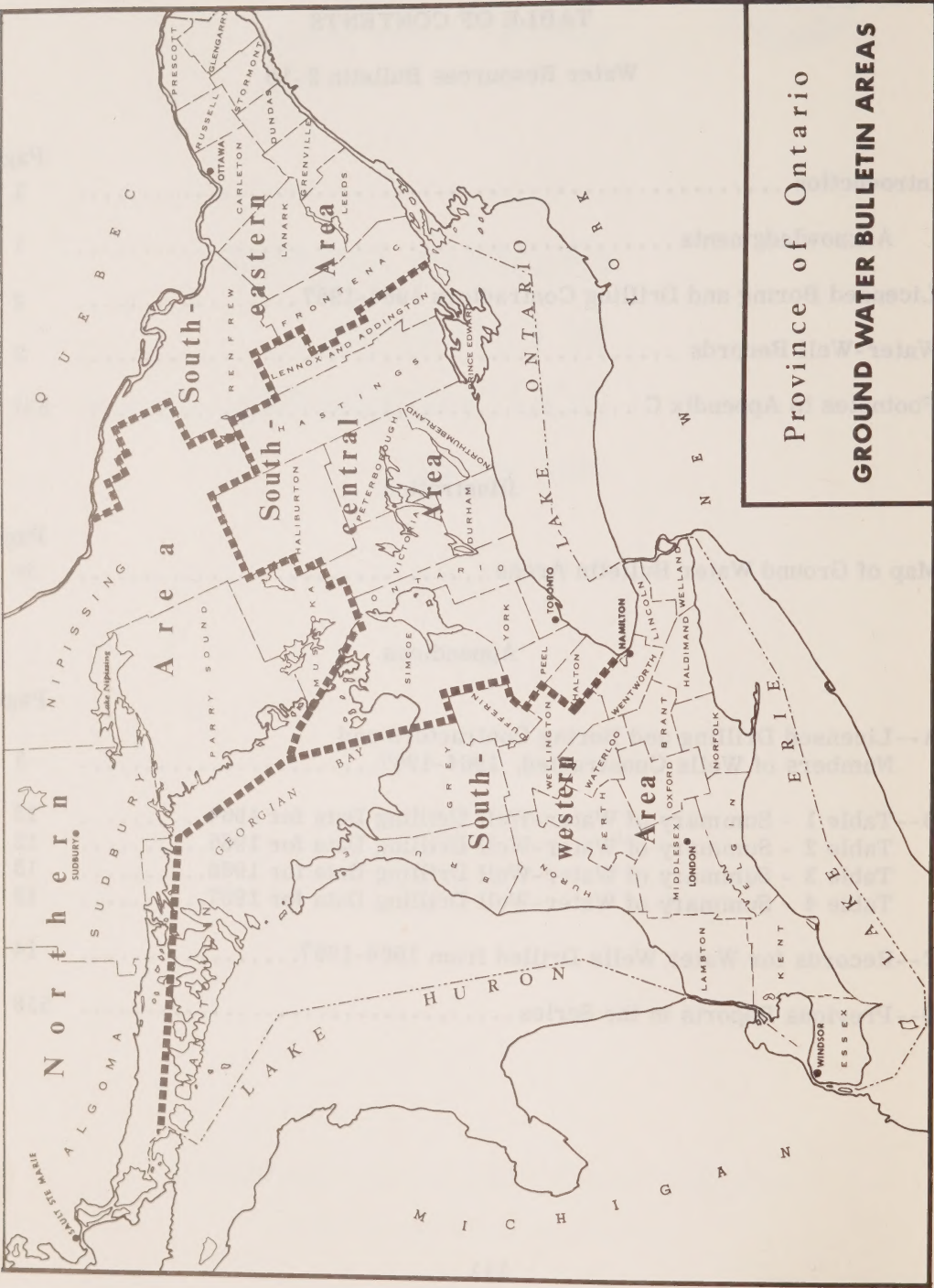
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Province of Ontario

**GROUND WATER BULLETIN AREAS**



GROUND WATER IN ONTARIO  
SOUTHWESTERN AREA  
1964-1967

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INTRODUCTION

This bulletin contains ground-water information assembled for the southwestern area of the province for the period 1964 to 1967. It is the thirteenth publication in which basic data have been assembled on ground-water conditions in Ontario.

Twelve prior publications are listed in Appendix D. The first three, containing data for the years from 1947 to 1952, were published by the Ontario Department of Mines; the next nine by the Ontario Water Resources Commission.

Four areas have been selected for grouping of data to aid in preparing and using the bulletins: the southwestern area, the south-central area, the southeastern area and the northern area. Their extents are shown on the map on page iv. This form has been adopted because it is more convenient, for users seeking information about conditions in a particular area, to be able to consult one book for data over extended periods rather than consult several books with annual data.

This bulletin contains the well logs for the following counties:

Brant	Grey	Lincoln	Waterloo
Bruce	Haldimand	Middlesex	Welland
Dufferin	Huron	Norfolk	Wellington
Elgin	Kent	Oxford	Wentworth
Essex	Lambton	Perth	

and the district of

Manitoulin.

The data in this bulletin have been restricted to the logs of water-wells which are found in Appendix C, a summary of the well log data in Appendix B and a list of licensed boring and drilling contractors in Appendix A. Details on the Geography, Hydrogeology and Regional Aquifer Characteristics of the Southwestern Area are to be found in Ground Water Bulletin 6.

Observation well data formerly appearing with the data in this publication will now appear in separate bulletins.

Enquiries concerning the data in this bulletin should be directed to the Supervisor, Hydrologic Data Branch, Division of Water Resources.

Records are being received constantly and data not yet published are available for reference in the offices of the Hydrologic Data Branch.

Acknowledgments

The water-well boring and drilling contractors licensed to work in Ontario submitted well logs and water-well data to the Commission. In so doing, they played an important part in the assembly of valuable hydrogeologic data. The service rendered in the public interest deserves high tribute and is gratefully acknowledged.

Preparation of the bulletin was supervised by Mr. B. A. Singh, Supervisor, Hydrologic Data Branch, under the direction of Mr. D. N. Jeffs, Assistant Director, Division of Water Resources. The following staff of the Division of Water Resources worked in the preparation of the bulletin: Mrs. M. Ellis, Mrs. P. Hollett, Mrs. F. McClements, Messrs. A. J. Tasker, A. Fuchs, and J. A. Haw.

## LICENSED BORING AND DRILLING CONTRACTORS - 1964-1967

Appendix A is a list of licensed water-well boring and drilling contractors for the whole province and the number of wells constructed by each contractor in each of the years under review. The contractors are listed according to their county or district of residence, but the wells shown against each contractor were not necessarily constructed in the county or district in which the contractor resided.

### WATER-WELL RECORDS

All water-well records forwarded by contractors are on file at the offices of the Ontario Water Resources Commission in Toronto and are available to the public for reference purposes.

The number of records submitted by contractors for the southwestern area for the period covered by this bulletin are shown below:

Year	1964	1965	1966	1967
No. of wells reported	3520	2907	2931	3053
Percentage of wells reported to be dry	7	5	7	6

Most of the important information from the records has been compiled in Appendix C and summarized in Appendix B. All information is essentially as supplied by the driller except for obvious errors which have been corrected by the staff of the Hydrologic Data Branch. The logs have rarely been changed, except in a few instances where frequent repetitions of formations in long logs have been combined into more convenient general descriptions.

Wells drilled in parts of townships annexed by adjoining municipalities are recorded generally in the townships in which the wells were situated at the time of construction.

The pumping-test rates, reported in gallons per minute, do not necessarily represent the rates at which the wells could continue to supply water for prolonged periods of pumping. Continuous pumping at the stated rates could have resulted in some of the wells being pumped dry, while others may have been capable of being pumped steadily at much higher rates than those carried out during the pumping tests.

Well water intended for use by municipalities or in churches, schools, hotels, and buildings generally occupied by several families or groups of people, was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in factories, and dairies, as industrial; for greenhouses and market gardens, as irrigation.

Many test holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable for large yields.



**APPENDIX A - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1964 - 1967**

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
ALGOMA					
1. Ahearn, R. P.	Goulais River	21	21	13	18
2. Bonnin, F. V.	49 Oakwood Dr., Sault Ste. Marie	0	0	*	*
3. Clearwater Drilling & Supply	310 Nixon Rd., Sault Ste. Marie	13	5	0	0
4. Chapman, C. W.	Batchawana Bay	13	7	14	27
5. Collins, S. C.	Echo Bay	*	*	0	0
6. Coulter, S.	Echo Bay	1	1	2	2
7. Furkey, R.	Richards Landing	0	0	6	6
8. Grexton, J. A.	Bruce Mines	0	2	*	*
9. Halcrow, W. R.	Bar River	1	1	0	0
10. Koehler, R.	R. R. #4, Sault Ste. Marie	*	*	*	5
11. McClelland & Hughson	Echo Bay	2	0	0	2
12. McMenemy, R. & Rennison, J.	R. R. #1, Sault Ste. Marie	*	0	10	11
13. Parr, C.	R. R. #1, Sault Ste. Marie	0	*	*	0
14. Pozzebon, A.	562 Douglas St., Sault Ste. Marie	*	*	11	8
15. Renwick, R. B.	General Delivery, Sault Ste. Marie	3	1	0	0
16. Scott, N. W.	99 Bellevue Ave., Sault Ste. Marie	0	0	2	0
17. Sharp, H.	R. R. #1, Sault Ste. Marie	*	*	*	3
BRANT					
1. Beven Electric Ltd.	46 Alexander St., Burford	*	*	*	0
2. Davis, I.	131 Campbell St., Brantford	11	5	1	0
3. Dennis, R.	R. R. #2, Brantford	*	5	2	22
4. Johnson, H.	7 John St., Brantford	47	56	59	40
5. P. V. K. & Sons	R. R. #4, Brantford	6	0	1	7
6. Stefan, J.	19 Iroquois St., Brantford	21	22	20	23
7. Swayze, J.	R. R. #2, Burford	*	*	*	1
8. Wood, H.	R. R. #3, Scotland	9	11	4	5
BRUCE					
1. Currie, A.	Dobbinton	*	0	0	0
2. Schultz, E.	R. R. #2, Tara	*	*	*	0
3. Wright, D. E.	385 Division St., Wiarton	*	*	23	20
4. Wright, Dalton & Sons	c/o Wm. Wright, Hepworth	24	59	48	*
5. Wright, H.	Box 167, Hepworth	*	*	*	0
6. Wright, L. & A.	Box 62, Wiarton	24	13	18	17
7. Wright, R. & S.	c/o Roy Wright, Wiarton	45	38	31	43
8. Wright, S. & O.	Box 371, Wiarton	16	17	21	7
9. Wright, W.	Box 167, Hepworth	*	*	*	72
CARLETON					
1. Blair Phillips Drlg. Co. Ltd.	1119 Falaise Rd., Ottawa 5	17	23	23	30
2. Capital Water Supply	14 Ashford Dr., Ottawa	97	125	127	149
3. Charbonneau, G.	Box 194, R. R. #1, Orleans	75	58	61	33
4. Cossette, F. R.	1510 Baseline Rd., Ottawa	18	10	14	13
5. Cossette, V.	60 Marquette St., Eastview	4	*	*	*
6. Cossette, W.	259A Sheakespeare St., Ottawa 2	0	*	*	*
7. Deevy, W. A.	2898 Haughton St., Ottawa 14	2	1	8	8
8. Dufresne, C.	135 Sweetland Ave., Ottawa	14	3	23	5
9. Dufresne, J. B. & Co. Ltd.	1014 Maitland Ave., Ottawa	112	79	77	62
10. Fluery, F.	1156 Shillington Ave., Ottawa	*	*	*	2
11. Johnson, F. E. Drlg. Co. Ltd.	P.O. Box 4134, Stn. E, Ottawa 1	8	16	22	10
12. McLaughlin, M.	Ashton	29	20	10	15
13. McLean Water Supply Ltd.	1532 Raven Ave., Ottawa	38	44	24	28
14. Meagher, M.	639 Rowanwood Ave., Ottawa	23	24	66	11
15. Moloughney, W.	1110 Fisher Ave., Ottawa	7	1	0	9
16. Quinn, A. E.	R. R. #3, Metcalfe	7	3	1	2
17. Smart, B. C.	77 Marlowe Cres., Ottawa	0	0	0	*
18. Sparks, E. P.	Stittsville	14	12	*	*
COCHRANE					
1. Dodge, W. P.	General Delivery, Cochrane	*	0	0	0
2. Groleau, D. Diamond Drlg.	Box 98, 224 Government Rd., Kapuskasing	41	55	39	60
3. Levesque, L.	Box 226, Cochrane	4	0	0	0
4. Longstreet, Glen	R. R. #1, Matheson	*	*	*	0
5. Longstreet, Gordon	R. R. #1, Matheson	*	*	*	0
6. Longstreet, J. B. & Sons	Matheson	17	22	*	*
7. Longstreet, M.	Matheson	2	2	8	6
8. Longstreet, R.	Matheson	0	*	14	13
9. Longstreet, T.	R. R. #1, Matheson	4	6	4	0
10. Noel, D.	53 Park St., Timmins	2	1	0	2
11. Robitaille, E.	Ramore	*	2	0	0

\* Not licensed

**APPENDIX A - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1964 - 1967**

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
DUFFERIN					
1. Bellmont Drilling Co.	Box 44, Orangeville	*	8	10	34
2. Davenport, W. L.	26 Amanda St., Orangeville	*	0	0	*
3. Lunney, Gordon Well Drlg.	36 Buena Vista Dr., Orangeville	*	*	16	34
4. Shropshire, C.	R. R. #5, Orangeville	0	*	*	*
5. Smith, C.	31 Wellington St., Orangeville	22	16	7	0
6. Tortington, G.	R. R. #1, Orangeville	32	22	11	16
DUNDAS					
1. Casselman, R. H.	Williamsburg	*	58	42	47
2. Simzer, Ivan & Sons	R. R. #1, Mountain	29	30	22	22
DURHAM					
1. Fulton, G. B.	R. R. #3, Bowmanville	*	13	27	14
2. Halford, R. & Son	R. R. #2, Port Hope	*	15	17	4
3. Hoskin, G. & L.	Burketon	*	24	0	0
ELGIN					
1. Hoover, E. & Son	307 Talbot St. E., Aylmer	12	12	8	14
2. Locker, W. E.	R. R. #2, Vienna	*	7	4	1
3. Kent, C. H.	Aylmer	25	*	*	*
4. Marcus, L. A.	R. R. #2, Wallacetown	5	0	0	1
5. McBeth, W. L.	Box 681, 15 Dufferin St., Aylmer	6	5	3	0
6. Norman, C. B.	R. R. #1, Corinth	3	0	0	2
7. Roswell, L.	Box 5, Vienna	0	0	*	*
8. Warren, C.	Sparta	18	11	0	10
9. Warren, J. H.	Box 58, Sparta	*	*	0	10
10. Wyatt, A.	R. R. #1, Springfield	0	0	0	0
ESSEX					
1. Counsell, H.	R. R. #2, South Woodslee	*	0	0	0
2. Gilbert, S.	642 Williams St., Windsor	3	0	0	0
3. Hernandez, Arthur	Box 262, Harrow	*	*	0	0
4. Hernandez, David A.	228 Wellington St., Box 262, Harrow	*	*	0	0
5. Hernandez, Earl M.	Box 262, Harrow	2	12	25	32
6. Hernandez, M. & Sons	Box 262, Harrow	15	12	8	16
7. Hernandez, W.	228 Victoria St., Harrow	12	10	13	12
8. Hutchins, S. A.	R. R. #2, Amherstburg	21	9	6	12
9. Johnston Brothers	c/o M. Johnston, R. R. #3, Essex	3	8	5	2
10. LeClaire, H.	Comber	0	0	*	*
11. Lucier Well Drlg.	R. R. #1, McGregor	23	29	8	2
12. MacRae, D. M.	R. R. #3, Essex	0	0	0	0
13. Smith, C.	R. R. #2, South Woodslee	0	0	0	0
14. Smith, J. H.	R. R. #2, Essex	2	3	3	0
15. Sundin, D.	R. R. #1, Kingsville	36	34	38	24
16. Sundin, G. M.	R. R. #1, Kingsville	1	1	17	15
17. Sundin, L.	R. R. #1, Kingsville	1	0	*	*
18. Wilkinson, A.	R. R. #3, Leamington	2	1	0	0
19. Williams, M. J.	R. R. #5, Leamington	17	16	6	12
FRONTENAC					
1. Davy, W. H. & Son	Verona	152	192	170	180
2. Eastern Ontario Diamond Drlg.	Box 39, Sharbot Lake	26	20	14	20
3. Goodberry Well Drilling Ltd.	196 Indian Rd., Kingston	113	106	105	142
4. Knox, J.	Westbrook	74	57	54	48
5. Wales, R. C.	R. R. #1, Kingston	19	11	2	*
GLENGARRY					
1. Brunette, J. P. & Sons	St. Scholastique, Quebec	*	0	0	0
2. Ferguson Thresher Co.	Maxville	2	1	1	3
3. Lefebvre, G.	Ste. Justine De Newton, Quebec	*	21	15	19
GRENVILLE					
1. Rathwell, H. J.	R. R. #2, Merrickville	*	0	*	*
2. Sparks, B. E.	R. R. #1, Kemptville	*	0	2	5

\* Not licensed



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1964-1967**

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
GREY					
1. Bellerby, M. S.	R. R. #4, Owen Sound	7	2	*	*
2. Blakely, G.	R. R. #1, Maxwell	*	*	0	1
3. Durham Drig. & Enterprises	Box 299, Durham	100	81	45	71
4. Hicks, J. R.	R. R. #1, Holstein	0	0	0	0
5. Hotchkiss, E. R.	62 Saddler St. E. Durham	*	0	0	0
6. Loucks, A. C.	Box 45, Chatsworth	49	35	28	34
7. Maxwell, W.	R. R. #2, Proton	*	1	0	*
8. Mighton, Kenneth & Son	36 Countess St., Durham	30	53	77	68
9. Pratt's Well Drilling	R. R. #4, Durham	41	41	20	0
HALDIMAND					
1. Caughell Bros.	R. R. #4, Dunnville	2	2	*	*
2. Comfort, G.	R. R. #1, Selkirk	0	0	0	0
3. Culver, E.	R. R. #1, Selkirk	12	1	1	9
4. Gilbertson, R. J.	R. R. #4, Cayuga	0	0	0	0
5. Helka, B.	Box 543, 80 Main St., Hagersville	0	2	0	0
6. Mandley Drilling	Dunnville	0	2	5	7
7. Mitchell, E. A.	Elizabeth St., Box 26, Jarvis	24	21	15	35
8. Nauman, R. J.	Fisherville	3	6	3	1
9. Ricker, E. A. & Son	Canboro	2	1	0	*
10. Smelser, I.	Main St., Jarvis	2	0	0	*
11. Stewart, E.	R. R. #3, Jarvis	38	8	11	14
12. Wickett, J. F.	Box 313, Caledonia	14	23	32	59
HALIBURTON					
1. Haliburton Drilling	Box 412, Haliburton	15	19	16	10
2. Rabb Diamond Drig. Co. Ltd.	88 Spruce Ave., Cardiff	1	1	*	*
HALTON					
1. O'Rourke, J. E.	R. R. #1, Acton	28	13	34	18
2. Ruttan, B.	4366 Guelph-Burlington Line, Milton	68	78	66	63
3. Sprowl, J. T.	R. R. #4, Acton	42	36	32	37
HASTINGS					
1. Donaldson, M.	Box 40, Foxboro	*	68	63	66
2. Donaldson, T.	Cloverleaf Dr., Belleville	85	47	46	52
3. Fraser Well Drilling	Box 293, Marmora	*	*	*	49
4. Jones, H. E. & Sons	R. R. #2, Trenton	74	41	0	1
5. Rowe Diamond Drilling	R. R. #3, Bancroft	14	17	15	1
6. Taylor Ed & Sons	117 Dingman St., Madoc	9	9	18	6
7. Taylor, W. B.	163 Elgin St., Box 41, Madoc	*	14	61	50
HURON					
1. Davidson, G. L.	Josephine St., Wingham	95	87	116	93
2. Hopper, W. D. & Sons	c/o N. Hopper, R. R. #2, Seaforth	73	70	61	77
3. Mawhinney, I.	R. R. #1, Wroxeter	0	0	*	*
KENORA					
1. Aqua Well Drilling	Box 8, Group 17, Dryden	*	*	*	5
2. Community Well Drilling	907 1st St. S., Kenora	3	88	41	30
3. Dessere Well Digging	Dryden	*	*	10	13
4. Edwards Diamond Drig. Ltd.	Box 369, Kenora	3	0	0	4
5. Lantz Diamond Drilling	Box 4, Wabigoon	9	6	4	7
6. Subterranean (Canada) Ltd.	1380 Wall St., Winnipeg 3, Manitoba	*	*	*	1
KENT					
1. Ashburn, H. & Weston, J	Box 54, Dresden	*	0	*	2
2. Bourdeau, J.	R. R. #2, Dover Centre	0	0	0	0
3. Britton, G. D.	75 Lemuel St., Thamesville	0	0	0	0
4. Couture, F.	R. R. #1, Chatham	63	1	0	0
5. Driedger, H. N.	R. R. #3, Wheatley	*	*	0	0
6. Earl, K. & Lather, R.	R. R. #3, Bothwell	*	*	*	16
7. English, R. & H.	R. R. #4, Blenheim	1	0	0	1
8. Galbraith, G.	Box 43, Morpeth	20	10	21	17
9. Humphrey, A. J.	Gordon St., Bothwell	*	0	0	9
10. Johnston, C. & J.	Gordon St., Bothwell	*	40	3	0
11. Johnston, M.	R. R. #1, Paincourt	*	*	28	18

\*Not licensed

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1964 - 1967**

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
KENT					
12. Kemp, Russell & Reginald	R. R. #3, Tilbury	0	0	0	0
13. Lather, A.	R. R. #3, Bothwell	0	0	0	0
14. Lather, R. & V.	R. R. #3, Bothwell	1	1	12	6
15. Lecuyer, D. P.	201 Queen St., Chatham	25	15	21	33
16. Lecuyer, O.	57 Joseph St., Chatham	21	16	17	5
17. Marsh, T.	Box 276, Bothwell	*	*	*	0
18. Marsh, W. G.	Gordon St., Bothwell	13	12	13	21
19. McDonald, H.	231 Margaret St., Wallaceburg	29	28	22	16
20. Munro, R. R.	Box 186, Bothwell	0	0	0	0
21. Nichols, J. C.	R. R. #1, Blenheim	*	*	*	0
22. Pinder, R.	R. R. #4, Blenheim	0	0	0	0
23. Pinsonneault, R.	R. R. #2, Thamesville	86	9	10	12
24. Renwick, R. B.	R. R. #3, Tilbury	0	0	0	0
25. Rice, D.	R. R. #1, Fletcher	0	0	0	0
26. Rice, G.	R. R. #1, Fletcher	19	14	10	4
27. Rumble, E. & J.	R. R. #5, Blenheim	11	9	7	10
28. Simpson, D. C.	R. R. #5, Dresden	53	31	49	34
29. Simpson, R. W.	R. R. #2, Dresden	36	45	44	41
30. Skipper, J.	Fletcher	*	*	4	0
31. Smith, J. E.	R. R. #3, Dresden	*	*	0	0
32. Travis, C.	R. R. #1, Fletcher	0	0	0	0
33. Tyhurst, R.	R. R. #3, Dresden	0	1	0	0
34. Wade, D.	R. R. #5, Wallaceburg	30	29	30	40
LAMBTON					
1. Brandon, H. A.	Courtright	9	30	14	0
2. Bullock, M. S.	R. R. #1, Wilkesport	2	1	1	0
3. Chrysler, J.	R. R. #1, Wilkesport	0	0	0	*
4. Conlon, V.	R. R. #1, Port Lambton	7	5	6	6
5. Douglas, D. A.	R. R. #1, Courtright	0	0	0	1
6. General Drig. & Well Service	Box 124, Port Lambton	*	*	*	1
7. Heal, A. A.	433 St. Clair St., Box 264, Watford	69	33	36	34
8. Hussey, E. B.	447 King St., Petrolia	26	*	*	*
9. Hussey, G. G.	341 Exmouth St., Sarnia	0	0	1	0
10. Jackson, E. G.	2003 Jean St., Bright's Grove	*	0	0	0
11. Jackson, F. W. & Son	2003 Jean St., Bright's Grove	66	38	21	10
12. MacRae, D. M.	R. R. #7, Alvinston	*	*	0	0
13. Morningstar, E.	Box 75, Oil Springs	5	9	7	3
14. Morningstar, H.	Box 75, Oil Springs	*	*	0	0
15. Rawson, L.	R. R. #3, Petrolia	20	17	14	16
16. Thrower, C. R.	R. R. #3, Watford	6	6	6	9
17. Ward, Mervyn E.	R. R. #4, Watford	0	0	0	0
18. Weatherstone & Williams	R. R. #2, Croton	*	3	6	3
LANARK					
1. Coleman, W. C.	Box 64, R. R. #2, Carleton Place	6	3	1	2
2. Nugent, W. V.	Lanark	27	19	17	21
3. Stanton, A.	Graham St., Pakenham	33	31	30	39
4. Thompson Brothers	R. R. #3, Lanark	21	50	49	30
5. Trodden, Lloyd	R. R. #2, Smiths Falls	*	*	0	0
6. Wark, D. J.	R. R. #2, Clayton	0	0	0	0
LEEDS					
1. Davis, H. L.	Jellyby	38	40	41	45
2. Davis, T. L.	Jellyby	3	2	*	*
3. The Dutch Store Ltd.	215 King St. W., Brockville	8	6	*	*
4. Jones, C. W.	R. R. #1, Lyndhurst	61	53	57	93
5. Kenny, R.	Box 37, Lyndhurst	10	10	0	*
6. Lackie, N.	Burritts Rapids	*	21	23	23
7. McCarthy, F. J.	Newboro	45	30	33	0
8. Miller, R. H.	R. R. #3, Brockville	58	58	57	66
9. Morrison, A. E.	R. R. #1, Jellyby	*	11	*	*
10. Morrison, C. K.	Eastons Corners	*	3	0	*
11. Morrison, C. V.	Frankville	63	38	45	47
12. Rideau Well Drillers	c/o Junior Smith, Lyndhurst	*	*	41	44
13. Thompson, J. R.	R. R. #1, Westport	27	36	32	32
LENNOX & ADDINGTON					
1. Campbell, L.	R. R. #1, Newburgh	69	61	45	85
2. Chalk, G. H. Jr.	R. R. #6, Napanee	91	75	91	118
3. Richmond, T. A.	Box 13, Roblin	28	31	10	0
4. Stone, D. J.	38 Graham St. W., Napanee	21	44	50	4

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		1964	1965	1966	1967
LINCOLN					
1. Field, W. L. & Son	R. R. #1, Vineland	22	14	19	22
2. Jonston, E.	455 Ridge Rd., Ridgeway	*	0	0	0
3. Lounsbury, W. A. & Sons	30 Dunlop Dr., St. Catharines	35	32	30	20
4. Merritt, F.	R. R. #1, Smithville	29	70	72	71
5. Merritt, S. W.	R. R. #1, Smithville	29	37	44	54
6. Packham, W.	R. R. #2, Smithville	94	88	103	*
MANITOULIN					
1. Wright, D.	14 Walcot St. N., Manitowaning	16	13	19	10
MIDDLESEX					
1. Barber, L.	131 Delatre St., Thamesford	*	*	0	0
2. Carrothers, I.	R. R. #3, Kerrwood	45	0	*	*
3. Dale, W.	R. R. #7, London	*	34	27	31
4. Dolphin & Earl	Strathroy	51	40	29	6
5. Earl, S.	R. R. #2, Kerrwood	39	14	13	23
6. Evans, G.	Victoria St., Glencoe	10	0	0	0
7. Ferguson, C. R.	R. R. #3, Lucan	*	0	0	0
8. Helkaa, R.	R. R. #1, Mossley	0	2	2	4
9. Hudson, R. F.	R. R. #1, Arva	108	103	125	143
10. International Water Supply	12 Maitland St., London	161	118	163	199
11. Johnston, W. K.	220 Starlight Ave., London	*	0	0	0
12. Jones, M.	R. R. #3, Thorndale	29	26	19	38
13. Lounsbury, I. T.	R. R. #3, London	15	9	4	4
14. Newport, W. R. & Sons	R. R. #1, Wardsville	*	*	*	0
15. Parsons, L. R.	R. R. #2, Ilderton	*	0	0	0
16. Siegrist, H. C.	R. R. #5, London	6	4	2	0
17. Smith, R.	R. R. #3, Denfield	34	32	39	43
18. Stoner, E. W.	R. R. #3, Denfield	0	0	0	0
19. Stroh, R. E.	1582 Dixie St., London	0	0	1	0
MUSKOKA					
1. Allard Bros.	15 Airport Rd., Box 1427, Huntsville	33	22	21	25
2. Hammond, F. C.	Box 592, Huntsville	64	56	71	60
NIPISSING					
1. Bradley, S.	R. R. #1, Sturgeon Falls	9	8	10	11
2. Brochu, W. C.	116 Hyland Rd., North Bay	36	18	23	34
3. Canadian Longyear Co.	1111 Main St. W., North Bay	1	1	1	0
4. Gateway Drlg. & Soil Testing	1212 Beattie St., North Bay	52	42	28	37
5. Inspiration Ltd.	170 Regina St., Box 477, North Bay	0	0	0	0
NORFOLK					
1. Bealton Well Digging & Const.	R. R. #1, Wilsonville	*	*	*	16
2. Belore, W. A.	Courtland	10	0	11	15
3. Burwell, W.	R. R. #4, Tillsonburg	*	0	0	30
4. Continental Water Supply	Box 1204, Delhi	*	0	0	0
5. Goodfellow, G. W.	285 Emily St., Simcoe	0	0	0	0
6. Hodgson, R.	R. R. #1, Vittoria	36	18	2	0
7. Linton, S.	58 Robinson St., Simcoe	8	5	9	12
8. Lyons, S. & Son	R. R. #4, Simcoe	0	0	1	0
9. McKenzie, R.	Vittoria	23	7	14	21
10. Swayze, R.	R. R. #5, Simcoe	20	18	14	22
11. VanKessel, T.	179 Sherman St., Simcoe	19	16	24	8
NORTHUMBERLAND					
1. Gilbert, N.	R. R. #2, Baltimore	15	31	37	32
2. Reycraft & Lloyd	74 Centre St., Campbellford	36	25	17	0
3. Summers, B.	R. R. #2, Hastings	27	25	14	36
ONTARIO					
1. Hoskin, C.	R. R. #2, Oshawa	*	*	30	20
2. Hunt, B.	31 Rodda Blvd., West Hill	4	11	16	10
3. Ward, W. & W.	204 Chestnut St., Whitby	130	138	144	6

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		1964	1965	1966	1967
OXFORD					
1. Baird, W. D.	Bright	*	*	13	12
2. Burwell, W.	R. R. #4, Tillsonburg	*	*	13	*
3. Cole Water Wells	R. R. #3, Tillsonburg	14	24	21	14
4. De Groat, S.	R. R. #3, Tillsonburg	0	0	0	1
5. Hooper, M.	R. R. #2, Ingersoll	*	0	*	*
6. McLeod, K. & Sons	249 King St. E., Ingersoll	40	33	41	37
7. National Pump & Water Supply	c/o Bernard Ransome, R. R. #8, Woodstock	7	2	5	8
8. Palenkas, J.	Box 16, Plattsville	*	*	*	0
9. Steinman & Baird	R. R. #1, Bright	66	33	*	*
10. Steinman, N.	R. R. #1, Bright	*	*	25	25
11. Warren Water Wells	94 North St. W., Tillsonburg	39	36	42	24
12. Weaver, J. H. & Son	332 Tillson Ave., Tillsonburg	51	9	*	*
PARRY SOUND					
1. Haglund, C. Diamond Drlg.	Elm St. Powassan	*	13	5	0
PEEL					
1. Babiuk, M.	500 Burnhamthorpe Rd., Etobicoke	82	78	88	88
2. Babuik Well Boring	126 Laurel Ave., Islington	55	41	38	56
3. Barnhardt, N. D.	R. R. #2, Brampton	4	6	2	0
4. Burton, J. L.	57 Royce Ave., Brampton	0	0	0	0
5. Core, W. E.	161 Queen St. E., Brampton	16	19	30	28
6. Dick, R.	R. R. #3, Bolton	5	3	*	*
7. Lagendyk, H.	Eugenia	*	0	0	0
8. Longstreet, E. E.	R. R. #1, Meadowville	0	0	0	0
9. McCauley, S.	Mono Road	24	14	13	26
10. McClure, K.	R. R. #1, Inglewood	12	11	13	9
11. McClure, S. C.	R. R. #1, Inglewood	0	0	0	0
12. Spatuck, P.	R. R. #3, Malton	35	49	38	41
PERTH					
1. Keeso, C. H.	R. R. #1, Listowel	37	29	19	22
PETERBOROUGH					
1. Elvidge, R.	813 Cameron St., Peterborough	*	66	52	56
2. Faulkner Well Drlg. Co. Ltd.	687 Water St., Peterborough	296	250	278	264
3. Griffith, C. C.	R. R. #2, Warsaw	12	3	6	9
4. McNeely, P.	R. R. #1, Lakefield	11	11	8	0
5. Sanderson, W.	134 Maria St., Peterborough	*	158	142	134
6. Stockdale, S. Well Drilling	R. R. #2, Peterborough	19	15	23	19
PRESCOTT					
1. Belanger, M.	Box 83, Chute-a-Blondeau	23	20	20	24
2. Campbell, B.	R. R. #1, Grenville, Quebec	*	1	3	4
3. Steeves Well Drlg. Reg'd	396 Phaneuf Ave., Dorion, Quebec	*	15	10	6
PRINCE EDWARD					
1. McClellon, L. H. & Son	Cor. Main & Belleville Rd., Wellington	114	57	74	60
2. Rolston, R.	Main St., Bloomfield	42	37	25	28
RAINY RIVER					
1. Albertson, J.	General Delivery, Rainy River	*	*	0	0
2. Baker, L.	Emo	7	5	0	10
3. D & S Diamond Drilling	Box 59, Emo	*	*	*	6
4. Kellar, L.	Devlin	19	6	0	17
5. Pruys, F.	R. R. #2, Devlin	9	5	5	2
6. Sanche, J. N.	Pinewood	29	18	19	40
RENFREW					
1. Giffin, H.	R. R. #2, Renfrew	26	30	15	18
2. Law, G. H.	Calabogie	0	0	*	*
3. Marquardt, B. F.	Schutt	22	40	18	31
4. Marquardt, E. V.	Palmer Rapids	25	36	27	21
5. Munro, C.	Box 361, Pembroke	100	75	22	33
6. Presley, K.	R. R. #2, Arnprior	17	30	*	*
7. Russell, J. C.	R. R. #1, Renfrew	15	18	15	13
8. Saunders, R.	R. R. #2, Arnprior	*	*	30	27
9. Stein, C. E.	402 Boundary Rd., Pembroke	*	14	2	0

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RUSSELL					
1. Bourgeois, G.	St. Albert	27	19	15	18
2. Cayer Well Drillers	R. R. #1, Casselman	1	19	19	24
SIMCOE					
1. Anderson Drilling	58 Campbell Ave., Barrie	*	*	0	22
2. Bartley, C.	R. R. #3, Collingwood	8	1	0	1
3. Bourgeois, A.	Wasaga Beach	*	*	*	0
4. Cameron, A.	R. R. #1, Midhurst	22	23	29	44
5. Cameron, L.	R. R. #1, Midhurst	0	0	0	0
6. Collins, P.	R. R. #3, Barrie	*	9	2	4
7. Corner, F.	Box 51, Lefroy	0	0	0	*
8. Coupland Drilling	R. R. #2, Barrie	30	21	12	10
9. Coupland, T.	R. R. #2, Barrie	0	0	0	0
10. Hammers, A.	R. R. #5, Barrie	*	*	0	0
11. Hammers, H.	R. R. #3, Barrie	104	136	77	64
12. Howell, L. J.	Box 157, Coldwater	4	6	6	8
13. Knelsen Water Wells	R. R. #1, Barrie	*	18	33	40
14. Mason, M.	R. R. #1, Colgan	0	29	32	47
15. Nimmo, T.	302 Birch St., Collingwood	2	8	*	*
16. Roth Well Digging	R. R. #4, Cookstown	*	69	91	95
17. Scott Wells	R. R. #1, Oro Station	7	32	33	10
18. Sewell, D.	Duntroon	*	*	*	10
19. Snider Drilling	Craighurst	35	21	29	35
20. Van Der Meulen, J.	119 Cumberland St. Barrie	*	*	0	0
21. Ward Well Drilling	314 Killarney Beach Rd., P. O. 124, Lefroy	*	*	10	2
22. Wright, F. & Son	140 - 6th St., Collingwood	56	39	50	41
STORMONT					
1. Bourdon, A.	20 Fennell Cres., Cornwall	25	29	41	25
2. Gauthier, A.	Box 113, Cryslar	25	29	24	32
3. Roy & Son Reg'd	303 Water St., Box 1132, Cornwall	28	29	25	20
SUDBURY					
1. Azilda Drilling	56 Marier St., Box 357, Azilda	1	5	0	0
2. Campbell, R.	R. R. #2, Chelmsford	0	0	0	0
3. Castonquay, P. C.	General Delivery, Chelmsford	0	0	0	0
4. Houle, O.	Box 43, Noelville	0	22	27	23
5. Lavellee, C. L.	R. R. #4, Chelmsford	*	4	0	0
6. Lavallee, L. C.	Chelmsford	10	5	6	0
7. Mallette, R.	21 Leo St., Box 407, Azilda	*	*	16	18
8. Markstay Diamond Drlg. Ltd.	Markstay	19	21	27	31
9. Metro Diamond Drlg. Co.	422 King St., Sudbury	*	7	3	5
10. Quenville, A.	Site 2, R. R. #3, Box 40, Sudbury	16	20	15	12
11. Ray's Drilling & Foundation Sounding Co.	Eldon St., R. R. #1, Whitefish	6	4	7	5
12. Sudbury Diamond Drilling	R. R. #2, Chelmsford	33	21	32	32
THUNDER BAY					
1. Boyles Bros. Drlg. Ltd.	142 N. Cumberland St., Box 26, Port Arthur	1	0	5	2
2. Chunick, W.	1346 Euclid Ave., Fort William	*	4	4	5
3. Cooper, A. & Co. Ltd.	212 N. May St., Fort William	0	0	0	0
4. Hacquoil Construction Ltd.	Box 352, Montreal St., Fort William	0	0	*	*
5. Lake Superior Diamond Drlg.	R. R. #3, Port Arthur	43	27	10	13
6. Morrow, L.	Box 87, Geraldton	0	4	3	4
7. New Northwest Drlg. Ltd.	240 High St., Port Arthur	12	23	23	30
8. Stenlund, V.	Hurkett	5	5	4	5
9. Thunder Bay Drilling	2 Phenix Bldg., Port Arthur	*	*	*	10
10. Thunder Bay Water Supply	R. R. #3, Fort William	*	1	0	0
11. Tucker, D. V.	Box 184, Longlac	0	0	0	*
12. Tucker, J.	Forestry Rd., Longlac	0	1	0	0
TIMISKAMING					
1. Demarell, T. J.	R. R. #2, Charlton	0	0	0	0
2. Lafromboise, R.	Box 71, Earlton	*	0	0	0
3. McKnight, A.	Mileage 104, Cobalt	*	0	0	0
4. Parcher, E. R. Diamond Drlg.	34 Nickel St., Cobalt	*	2	1	0

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VICTORIA					
1. Baldwin, L.	R. R. #1, Kirkfield	0	0	0	*
2. Baldwin Well Drilling	R. R. #1, Kirkfield	95	95	114	91
3. Buck, P. A.	R. R. #1, Omemee	33	21	0	*
4. Hart, D.	R. R. #3, Fenelon Falls	0	0	0	0
5. Hart, G.	R. R. #3, Fenelon Falls	44	38	34	36
6. Hart, K.	R. R. #1, Fenelon Falls	65	63	63	45
7. Henderson, J. F. Ltd.	103 Elgin St., Lindsay	212	205	196	152
8. Lang, F.	74 Cambridge St. N., Lindsay	*	*	*	0
9. Lang, W.	King St., Omemee	*	*	*	0
10. Richmond, R. I.	R. R. #1, Kirkfield	*	0	*	*
11. Weaver, G.	Coboconk	*	*	9	13
WATERLOO					
1. Advanced Farming Systems	843 Guelph St., Kitchener	*	3	4	*
2. Eddyvean, H. A.	123 Lowther St., Preston	6	8	14	14
3. Hadco Well Digging Ltd.	R. R. #4, Box 759, Elmira	113	130	98	141
4. Hergott, P.	R. R. #1, Bamberg	*	*	0	0
5. Kerr's Well Drilling	133 Asmus St., New Hamburg	28	28	22	19
6. Lone Star Well Digging	176 Strasburg Rd., Kitchener	32	22	37	41
7. McLaughlin Water Wells	236 Erb St. W., Breslau	0	36	36	43
8. Nimmo, T.	97 Ross Ave., Kitchener	*	*	6	0
9. Sauder, J.	Conestogo Rd., St. Jacobs	32	2	8	0
10. Schmeier, W.	Conestogo	0	0	0	0
11. Schultz, A.	97 Ross Ave., Kitchener	*	*	*	0
12. Shantz, L. C.	R. R. #3, 715 Frederick, Kitchener	24	8	9	0
13. Straus, F.	St. Clements	0	18	15	11
WELLAND					
1. Schooley, R. L.	R. R. #3, Port Colborne	30	36	28	34
WELLINGTON					
1. Cudney, J. & Son	Washington St., Salem	18	17	25	32
2. Earley, A.	202 Neeve St., Guelph	26	34	32	34
3. Elliott Drilling Co.	R. R. #1, Hillsburgh	*	8	*	*
4. Goll, D. W.	R. R. #3, Harriston	0	0	0	0
5. Graham Well Drilling	19 Kingsley Court, Guelph	64	57	72	81
6. Hill, C.	251 Speedvale Ave. E., Guelph	55	48	45	42
7. Keeso, E. A.	Box 43, Clifford	29	23	26	22
8. Ladco Drig. & Exploration Co.	R. R. #1, Hillsburgh	54	71	76	52
9. Lang, R. A.	3 Sunnylea Cres., Apt. 4, Guelph	*	0	0	0
10. Sauder & Martin	c/o E. S. Martin, R. R. #3, Wallenstein	*	3	4	8
11. Sprowl, J. C.	137 Renfield St., Guelph	0	0	0	0
12. Water Well Drilling	R. R. #1, Clifford	29	23	16	16
WENTWORTH					
1. Anderson, J. A.	Freelton	13	5	12	21
2. Atkinson, S. J.	239 Rosemary Lane, Ancaster	15	7	6	0
3. Constable, E.	184 - 25th St. E., Hamilton	11	9	11	23
4. Constable, W. C.	Nebo Rd., R. R. #2, Hannon	*	*	0	0
5. Cross Bros.	38 Kennedy Ave., Hamilton	53	82	75	72
6. Crowley & Associates	50 Cayley St., Dundas	*	*	*	7
7. Embleton & Son	R. R. #3, Hamilton	*	*	0	0
8. Gill, S.	55 Alpine Ave., Hamilton	34	29	22	21
9. Ince, F. L.	171 Aldercrest Ave., Hamilton	110	96	93	83
10. O'Connor, B.	40 Union St., Waterdown	8	3	11	11
11. Packham, W.	R. R. #2, Ancaster	*	*	*	108
12. Pegg, E.	R. R. #4, Dundas	0	2	1	0
13. Scriven, W. E.	188 Eleanor Ave., Hannon	16	2	*	*
14. Stenhouse, G.	Freelton	*	*	*	0
15. Wallis, G. J.	Box 5, Group 16, R. R. #2, Stoney Creek	38	37	58	69

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YORK					
1. Accurate Diamond Drilling	30 Buckland Rd., Downsview	*	*	*	12
2. Becker Drilling (Alberta)Ltd.	123 Eglinton Ave. E., Toronto	*	0	1	0
3. Bingham, J.	Stouffville	0	0	0	0
4. Boadway, R. F.	Sutton West	58	58	65	77
5. Challoner, R. F.	45 Johnston Ave., Thornhill	*	*	1	0
6. Constable, F.	R. R. #2, Woodbridge	22	26	15	24
7. Constable, K.	R. R. #2, Woodbridge	*	0	0	0
8. Diceman, J.	Sharon	0	0	0	0
9. Downing, J. O.	57 Bridgenorth Cres., Rexdale	0	0	0	*
10. Findlay, B. H.	11 Kenneth Ave., Apt. 8, Willowdale	2	3	0	0
11. Fockler, G.	Box 63, Ringwood	18	16	14	24
12. Gartshore, W. F.	Sharon	18	18	21	22
13. Gormley Well Drilling	19 Muirhead Cres., R. R. #1, Richmond Hill	30	25	26	29
14. Huffman, B. & Sons	2678 Lakeshore Blvd. W., Mimico	9	15	10	6
15. Keswick Well Drilling Co.	Elmhurst Beach, Keswick	17	17	18	11
16. King City Well Drlg. Co.Ltd.	Box 192, King City	37	37	45	40
17. Kitching, F. F. & Son	Box 20, Holland Landing	70	60	75	8
18. Lougheed, D. S. Drlg.Co.	997 Srigley St., Newmarket	47	62	52	48
19. McCauley Water Wells	31 Machell Ave., Aurora	12	21	25	23
20. McKnight, A.	63 Nipigon Ave., Willowdale	0	*	*	1
21. Northern Well Digging	15 Mary St., Aurora	20	17	26	27
22. Ontario Well Drilling Co.	Newmarket	61	*	69	59
23. Provincial Drilling	387 Lynett Cres., Richmond Hill	8	11	9	6
24. Renwick, J. W.	R. R. #2, Gormley	*	*	*	6
25. Rutledge Water Wells Ltd.	Box 198, Nobleton	30	27	26	30
26. Sewell, D. M.	149 Pleasantview, Newmarket	*	21	34	0
27. Van Den Boom	Nobleton	14	42	44	46
28. Walke, J.	30 Berezy St., Aurora	0	0	0	0
29. White, T.	R. R. #2, Stouffville	13	12	14	10
30. Wilson Well Drilling	R. R. #2, Gormley	109	126	157	152

\* Not licensed

APPENDIX B

TABLE 1

SUMMARY OF WATER-WELL DRILLING DATA FOR 1964  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water					Use									
		Over-burden	Bedrock	Not in- dicated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in- dicated	Dry Hole	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Not in- dicated	Not Used		
Brant	136	77	50	5	4	116	9	1	6	4	91	152	12	2	1	1	2	30	2	4
Brant	165	161	4	1	162	4	1													
Dufferin	73	14	57	2	71	1	2	1	1	2	64	5	1	1	1	1	1	1	2	2
Elgin	114	90	13	1	113	3	105	30	1	1	7	90	3	1	1	4	2	2	16	9
Essex	140	37	99	1	3	105	30	1	1	3	121	4	1	1	1	1	1	1	9	3
Grey	224	31	191	1	2	220	3	1			205	10	2	2	3					
Haldimand	80	6	74	1	64	15	1				78	2								
Huron	155	25	129	1	152	1			1	1	141	5	5	5	1	1	1	1	3	3
Kent	308	168	41	3	96	192	12	2	6	96	181	7	2	2	3			2	113	2
Lambton	257	126	34	5	92	150	1	7	7	92	141	3	2	2	3		5	4	102	4
Lincoln	115	34	76	3	2	102	4	4	3	2	92	1	6	1	6	1	10	1	4	4
Manitoulin Is.	35	1	33	1	31	1	1	2	1	1	28	5								
Middlesex	328	229	57	21	31	254	1	16	1	25	31	245	7	5	2	1	30	3	35	7
Monrovia	144	117	21	6	130	7	7			1	6	124	3	2	3	5	8	2	2	2
Norfolk	227	129	93	5	6	217	5	1	4	1	6	124	3	2	3	1	1	1	8	2
Oxford	157	32	123	1	1	153	2	1	1	1	143	7	3	3	1	1	1	2	2	2
Perth	246	188	50	7	1	153	2	1	1	1	143	7	3	3	1	1	1	24	2	2
Waterloo	79	5	70	4	1	223	1	3	18	1	201	7	8	4	1	1	1	7	3	3
Welland	248	28	219	1	59	13	4	13	7	1	62	5	8	2	3	1	1	24	2	2
Wellington	287	52	233	2	1	243	4	1	243	3	225	9	9	4	2	3	7	1	1	5
Wentworth	287	52	233	2	2	268	17		2	2	266	9	4	2	2	1				
Total	3520	1395	1824	45	256	3015	23	142	9	81	250	2857	116	55	25	20	117	15	315	315

TABLE 2

SUMMARY OF WATER-WELL DRILLING DATA FOR 1965  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water				Use									
		Over-burden	Bedrock	Not in-dicated hole	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in-dicated hole	Dry Hole	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Not in- dicated	Not Used	
Brant	96	56	38	2	87	7	1	1	1	2	82	5	1	1	1	4	1	3	
Bruce	130	5	124	1	128	1	1	1	1	1	120	5	1	1	1	1	1	1	
Dufferin	112	22	89	1	111	2	1	1	1	1	104	5	2	2	1	1	1	7	
Elgin	87	78	2	7	78	36	1	1	1	3	62	4	2	4	3	4	12	4	
Essex	136	32	100	4	93	36	1	1	1	3	107	4	2	3	1	1	3	3	
Grey	182	33	148	1	177	3	1	1	1	7	50	9	5	5	1	1	8	8	
Haldimand	62	6	48	6	43	4	1	1	1	5	64	146	8	4	2	2	1	82	
Huron	108	8	100	2	106	8	2	1	1	1	42	123	12	2	1	5	1	1	
Kent	243	138	39	2	64	163	3	16	2	1	88	1	4	4	8	3	3	1	
Lambton	120	29	91	1	43	128	5	3	2	1	25	4	1	1	1	1	1	1	
Lincoln	97	30	66	1	27	2	2	2	1	1	189	8	5	2	3	8	1	24	
Manitoulin Is.	30	1	28	1	17	198	17	1	1	1	17	189	8	8	3	3	1	24	
Middlesex	233	178	38	1	3	127	1	5	3	3	118	4	6	6	2	1	4	4	
Norfolk	110	80	29	1	97	9	3	3	1	4	72	8	1	4	1	1	1	4	
Oxford	136	71	62	3	3	79	3	3	1	1	126	11	6	3	1	63	3	4	
Perth	86	11	72	3	1	183	1	1	1	31	62	2	1	2	2	2	2	2	
Waterloo	217	141	50	25	1	57	12	1	1	1	218	6	4	4	2	2	3	4	
Welland	72	9	60	3	2	231	1	1	1	1	3	328	6	5	1	2	2	2	
Wellington	234	41	191	2	231	1	1	1	1	1	3	328	6	5	1	2	2	2	
Wentworth	346	74	269	3	324	18	1	1	1	1	3	328	6	5	1	2	2	4	
Total	2907	1134	1582	35	156	2525	17	150	7	52	154	2382	113	52	25	21	93	8	213



APPENDIX B  
TABLE 3  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1966  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water					Use								
		Overburden	Bedrock	Not in-dicated	Dry or	Fresh	Salt	Sulphur	Mineral	Not in-dicated	Dry or	Dom. Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test	Not in- dicated	Not Used
Brant	87	57	24	5	1	68		10	1	7	1	70	5	1	1	14		1	1
Bruce	151	14	136		2	148		2			2	142	5	1	2			1	1
Dufferin	80	23	55		2	78					2	73	5					2	2
Elgin	90	75	9		6	81		1		4		75	3		3		3	2	1
Essex	135	33	99		3	81		51			3	117	1	1	1	4		7	6
Grey	199	27	168		4	181		3		5	4	173	8	5	2		5	6	1
Haldimand	72	8	63		1	61		9	1		1	65	2	2	1			1	
Huron	102	12	88		2	94		4		2	2	90	8				2	2	2
Kent	251	143	28	3	77	168		2		4	4	77	142	3	2		13	2	85
Lambton	167	112	17	1	37	111		18		1	1	37	110	3	2	1	1	1	50
Lincoln	105	33	71		1	91		6			1	95		4	1	3		2	7
Manitowlin Is.	39	32		1	46	32			1		6	30	1	1				7	
Middlesex	248	185	22		41	195		12			41	191	9	3	1	9	5	1	8
Norfolk	120	94	22		4	103		10		3	4	92	3	1	1	2	15	1	1
Oxford	87	62		1	2	142		2		6		124	5	2	1				
Perth	150	15	51	1	2	65		2			2	57	6	2	1		1	2	2
Waterloo	214	150	44	20	1	187		1	1	25		159	11	5	3	33	3		
Welland	70	15	54		1	61		8			1	63	2	3	1			1	1
Wellington	252	36	214		2	246				1		215	15	7	3		15		
Wentworth	330	55	268		7	302		21			7	312	4	5	2				7
Total	2931	1174	1527	34	196	2497	11	167	4	58	194	2393	97	48	22	18	105	16	232

TABLE 4  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1967  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water					Use								
		Overburden	Bedrock	Not indicated	Dry or	Fresh	Salt	Sulphur	Mineral	Not indicated	Dry or	Dom. Stock	Public Supply	Commercial	Industrial	Irrigation	Test Hole	Not indicated	Not Used
Brant	117	76	39		2	105		10			2	102	8	1	1				4
Bruce	148	4	139	1	4	133		8	2	1	4	123	15	5			3		2
Dufferin	94	23	68		3	91					3	83	7	1					3
Elgin	103	44	2		7	91		3		2	7	89	2			1	2		8
Essex	131	23	107		1	92		38			1	112	6	4	2	3			4
Grey	209	36	167		6	194		1	3		6	179	9	4	3				8
Haldimand	78	9	68		1	63		12	1	1	1	70	2	1			5		1
Huron	108	9	98		1	105					1	102	3	2	2	1			1
Kent	229	115	54		60	164		3	1	1	59	126	6	4	1		2		88
Lambton	180	99	26	1	54	118		7		1	54	118	2						2
Lincoln	112	19	92		1	107		1	1	1	1	105	1	2		2			5
Manitowlin Is.	18	1	13		3	10					3	9	2						2
Middlesex	288	243	29	1	13	256		12	1	2	16	234	4	2	2		28	2	22
Norfolk	162	130	26		8	135		16	2	3	16	119	6	2	1	22	1	3	12
Oxford	138	59	75	2	2	126		5		4	3	169	2	2	3		12		3
Perth	121	14	57											2					
Waterloo	198	155	37	5	1	185		2	1	10	1	155	10	1	1		29	1	1
Welland	69	15	54		1	57		11				61	3	3					1
Wellington	250	31	218		1	245		4			1	232	10	3		3			2
Wentworth	350	62	278	8	2	315		21	4	8	2	314	15	4	2	1	11	1	2
Total	3053	1217	1647	19	170	2663	7	162	16	34	171	2507	111	39	16	37	102	14	227

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
BRANT COUNTY Brantford, City of	Brantford City	E. Stewart	July 7, 1964	5	3	50	12	Fresh	T 2-64	Yellow loam sand hard beds 10; blue clay sand 30; sand 40; hard gray sand 55. Water at 40.
	"	"	July 9, 1964	5	5		16	"	T 1-64	Yellow loam sand hard beds 10; blue clay sand 35; gray sand 45; sand gravel mixture 50; fine sand gray hard limestone 60. Water at 46 and 56.
	"	"	July 9, 1964	5	3	20	15	"	T 3-64	Yellow loam sand 15; blue clay sand 30; blue clay sand gravel 45. Water from 25 to 25.
	"	"	July 10, 1964	5	5	40	24	"	T 4-64	Brown sand loam 25; brown sand gray clay 45; blue clay 50; gray sand 55. Water at 53.
	"	"	July 10, 1964	5				"	T 5-64	Black muck 5; sand yellow loam 72. Water from 45 to 55.
	"	"	July 14, 1964	5	10	36	6 1/2	"	T 7-64	Yellow loam sand 15; blue clay sand 75; sand gravel gypsum mixture 80; limestone 85.
	"	"	July 14, 1964	5	5	60	10	Fresh	T 6-64	Loam 5; gravel 20; gravel quicksand 20; gravel quicksand 30; quicksand 40; blue clay sand 55; gravel clay 65; limestone 70.
	"	"	July 15, 1964	5				"	T 8-64	Water at 57.
	"	"	July 17, 1964	5	1 1/2	40	12	Fresh	T 12-64	Yellow loam sand 20; blue muck sand 25; sand 35; blue muck sand 45; hard limestone 50.
	"	"	July 18, 1964	5		40	14	"	T 14-64	Yellow loam sand 15; blue clay sand 30; blue clay 55; blue clay sand gravel 60; gravel 65; gravel limestone 70. Water at 60.
	"	"	July 20, 1964	5	< 1/2	245	75	"	T 9-64	Yellow loam 10; blue clay sand 40; blue clay 240; blue clay sand gravel 245; limestone 250.
	"	"	July 21, 1964	5	10	40	20	Fresh	T 13-64	Yellow loam sand 25; blue clay sand 30; blue clay 55; blue clay limestone 60. Water at 50.
	"	"	July 22, 1964	5	1	29	20	"	T 15-64	Yellow loam 10; blue clay 25; blue clay gravel 30; limestone 34. Water at 27.
	"	"	July 23, 1964	5	5	30	20	"	T 18-64	Yellow loam sand 25; blue clay sand 50; blue clay sand gravel 60; limestone 70. Water at 50.
	"	"	July 23, 1964	5				"	T 19-64	Yellow loam sand 15; blue clay 60; limestone 65.
	"	"	July 24, 1964	5	10	35	25	Cloudy	T 16-64	Yellow loam sand 35; blue clay gravel 45; limestone 47. Water at 42.
	"	"	July 24, 1964	5	10	35	25	Fresh	T 17-64	Yellow loam sand 25; blue clay 35; blue clay gravel 50; limestone 55. Water from 49 to 65.
	"	"	July 27, 1964	5	15	47	27	"	T 21-64	Loam sand 15; blue clay sand 25; blue clay 40; blue clay sand 50. Water from 55 to 60.
	"	"	July 27, 1964	5	15	37	13	"	T 20-64	Gravel 60; gravel sand rock 90. Water at 84.
	"	"	July 28, 1964	5	10	30	30	"	T 20-64	Yellow loam sand 15; blue clay sand 20; blue clay 45; blue clay sand 55; yellow loam sand 65; sand gravel 85. Water from 70 to 75 and from 80 to 85.
	"	"	July 29, 1964	5				"	T 22-64	Loam sand 15; blue clay 60; limestone 67. Dry hole.
	"	"	Dec. 8, 1964	5	2	160	55	Fresh	D	Dug well 20; blue clay 120; hard limestone 160. Water at 160.
	A. Sowa	H. Johnson	July 1, 1965	36	10	35	30	"	D	Brown clay 12; blue clay silt 53; coarse sand 55. Water at 55.
	Harding Carpenter & Ass.	J. Crowley	July 16, 1965	8	145	29	18	"	N	Fill 3; clean outwash gravel 17; dirty silty sand 28; hard limestone 103. Water at 48, 55, 65, 85 and 100.
	Bell City Poultry Ltd.	Hadoo Digging Ltd.	Sep. 4, 1965	30	1	11	9	"	S	Cobblestone gravel 15; grey blue marl 24; grey clay 25. Water from 11 to 15.



## BRANT COUNTY -cont.

Brantford Twp.	lot	48	W. Roloson	H. Johnson	Feb. 12, 1965	30	4	20	15	Fresh	D	Fill sand stone asphalt 6; brown hard clay 15; blue hard clay 26; silt 31. Water at 10.
Con I	"	1	R. Coombs	"	Nov. 11, 1967	36	6	60	59	"	D, S	Gravel stone 14; clay stone 88. Water at 88.
Con I	"	1	"	"	Aug. 20, 1966	36	5	20	12	"	D, S	Black loam 1; stone gravel 14; fine sand 20; hard blue clay 55; clay silt layers 60; clay fine gravel sand 65. Water at 55.
Con I	"	1	J. Bee	"	Apr. 14, 1966	36			6	"	D	Sand 1; sand gravel stone 14. Water at 6.
Con I	"	1	G. Hunter	Hadco Well Digging Ltd.	Oct. 12, 1966	30	5	29	19	"	D	Topsoil 2; brown sandy clay 5; sand gravel 20; red sand 25; blue clay 30. Water at 19.
Con I	"	3	W. Stevenson	J. Stefan	Apr. 20, 1966	4	5	70	52	Sulphur	D	Coarse gravel 28; hard brown clay 98; blue shale 100. Water at 100.
Con I	"	10	J. Bragg	I. Davis	July 10, 1965	6 1/2	1	76 1/2	30	"	D	Blue clay 75; hard blue rock 76 1/2. Water at 75.
Con I	"	15	Brantford Twp.	International Water Supply	Feb. 17, 1965	10	75	15	12	Fresh	T	Fill 1; clay gravel boulders 20; shale 30. Water at 25.
Con I	"	16	D. McMillan	F. Ince	Sep. 6, 1965	6 1/2	8	150	128	"	D	Brown stony clay 60; hardpan 157; gravel 158. Water at 158.
Con I	"	17	Brantford Twp	"						"	T	gravel 127; limestone 206.
Con I	"	17	R. Boyd	Hadco Well Drilling & Digging	Aug. 8, 1967	30	4	135	100	Fresh	D	Topsoil 1; brown clay 13; brown sand gravel 50. Dry hole.
Con I	"	17	"	"	Oct. 3, 1967	5	4			"	D	Brown clay rocks 35; fine gravel sand 50; gravel 80; hardpan 75; grey clay 137; sand gravel 145. Water at 139.
Con I	"	17	G. Hayden	"	Sep. 31, 1967	5	3	100	60	"	D	Brown clay rocks 20; fine gravel rocks 50; gravel 80; blue clay 88; sand 100; blue sand 102; blue sand 107; blue clay. Water at 103.
Con I	"	18	E. Harris	Warren Water Wells	July 6, 1965	5	5	80	66	"	D	Clay boulders 15; gravel 78; sand 83; gravel 86. Water at 83 and 86.
Con I	"	19	L. Vanleuwen-Hulzen	R. Dennis	Aug. 14, 1967	5	3	54	35	"	D	Hardpan gravel 40; coarse sand 55. Water from 40 to 55.
Con I	"	19	D. Taylor	"	Sep. 15, 1967	5	3	48	35	"	D	Hardpan gravel 36; coarse sand 51. Water at 47.
Con I	"	21	D. MacMillan	F. Ince	Oct. 12, 1965	8 1/2	20	180	134	"	D	Brown clay 20; gravel 70; hardpan 134; shale 180. Water at 170
Con I	"	21	M. Crozier	Hadco Well Digging Ltd.	Sep. 16, 1966	30	3	38	32	"	D, S	Topsoil 2; brown clay 6; sand gravel 40. Water at 32.
Con I	"	24	J. Galida	W. Packham	Dec. 17, 1964	6 1/2	20	80	70	Fresh	S	Clay 124; dark grey bed rock 135. Water at 133.
Con I	"	25	K. Miller	Warren Water Wells	Mar. 20, 1964	5	5	95	35	Sulphur	D	Topsoil 3; yellow clay 25; grey clay 96; bedrock 105. Water at 105.
Con I	"	25	"	H. Johnson	Aug. 29, 1964	36	4	36	30	Fresh	D	Brown sand 12; grey silt clay 52. Water from 30 to 52.
Con I	"	33	R. Osborne	"	June 15, 1965	36	5	30	25	"	D	Brown clay 15; blue clay silt layers 25; silt layer 35; heavy blue clay 40. Water at 25.
Con I	"	37	P. Watson	"	July 20, 1964	36	3	32	40	"	D	Brown clay 10; grey clay 40; silt 50; clay 55. Water at 40.
Con I	"	37	H. Johnson	"	June 8, 1966	36	10	35	30	"	D	Brown clay 14; blue clay 30; blue clay silt layers 57; light blue clay silty sand 67. Water at 30, from 45 to 57 and at 67.
Con I	"	39	J. Minorski	E. Stewart	Mar. 13, 1964	5					S	Clay loam 6; blue clay 82. Dry hole.
Con I	"	39	J. Pate	W. Packham	May 12, 1965	6 1/2	30	50	45	Fresh	S	Clay 126; limestone 133. Water at 129.
Con I	"	40	K. Williams	H. Johnson	Aug. 20, 1965	36	2	45	40	"	D	Brown clay 25; blue clay 40; clay silt layers 72. Water at 40.
Con I	"	41	D. Cameron	I. Davis	May 25, 1966	8 1/2	40	50	35	"	D	Hard brown clay 103; grey rock 106. Water at 103.
Con I	"	43	E. Lupton	W. Packham	Oct. 29, 1964	8 1/2	8	140	60	"	D	Clay 127; bedrock 150. Water at 128.
Con I	"	45	A. Hunt	"	Oct. 12, 1966	6 1/2	4	140	60	"	D, S	Clay 137; bedrock 159. Water at 156.
Con I	"	48	E. Blair	F. Ince	Aug. 31, 1964	6 1/2	1 1/2	164	70	"	D	Brown sandy clay 15; blue clay 147; limestone 164. Water at 162.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING		STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
					TEST	LEVEL FEET				
BRANT COUNTY - cont.										
Brantford Twp. - cont.										
Con I	E. Wensyeen	H. Johnson	Aug. 21, 1965	36	5	20	15	Fresh	D	Brown clay 10; sand 15; blue clay 18; sand 25; blue clay 35. Water from 18 to 25.
Con I	L. Stomp	"	Jan. 20, 1966	36	5	24	17	"	D	Brown clay 6; sand 13; blue clay 17; sand 23; blue clay 40. Water at 17.
Con I	V. Atkins	Hadco Well Drilling & Digging Ltd.	Dec. 7, 1967	30	4	56	30	"	D	Topsoil 1; brown clay 14; blue clay 30; blue sand 40; blue clay 60. Water at 30.
Con II	G. Whiting	Warren Water Wells	Feb. 13, 1964	5	10	65	60	"	D, S	Stones gravel 24; grey clay 114; boulders 117; coarse sand 121. Water at 121.
Con II	G. Avlseebrook	H. Johnson	Aug. 17, 1966	36	4	42	40	"	D	Black loam 1; coarse sand gravel 15; coarse sand 40. Water at 40.
Con II	J. Silva	Warren Water Wells	Sep. 27, 1966	5	5	153	143	"	D	Sand 46; clay stones 151; gravel 155; gravel 157; clay. Water at 157.
Con II	I. Pottruff	"	Feb. 11, 1966	5	6	88	85	"	D, S	Clay stones 6; pit gravel 18; sand 85; gravel clay 98; coarse sand 103; clay. Water at 103.
Con II	J. Gazik	W. Packham	July 7, 1965	6 1/2	20	65	50	"	D	Stony clay 48; muddy brown sand 80; fine blue sand 85; coarser blue sand 93. Water from 85 to 93.
Con II	H. Walsworth	P. Ince	June 16, 1965	6 1/2	10	35	25	"	D	Brown clay 15; blue sandy clay 72; sand 77. Water at 77.
Con II	E. Rivett	"	July 9, 1965	6 1/2	12	68	40	"	D	Brown clay 15; blue clay 75; sand 82. Water at 82.
Con II	P. Kerek	Hadco Well Digging Ltd.	Nov. 17, 1966	30	3	78	68	"	D	Topsoil 1; brown clay 14; blue sandy clay 70; blue sand 80. Water at 70.
Con II	J. Ross	H. Johnson	Aug. 7, 1964	36	3	36	30	"	D	Brown clay 10; grey clay 30; silt 48; clay 52; clay silt layers 62. Water at 30.
Con II	S. Mandzuk	"	Sep. 4, 1964	36	4	27	24	"	D	Brown clay 10; grey clay silt 30. Water from 24 to 30.
Con II	T. Maglach	"	May 13, 1967	36	2 1/2	15	15	"	D	Brown clay sand 15; blue clay silt layers 77. Water at 15.
Con II	J. Thompson	J. Stefan	Oct. 3, 1967	4	4	70	33	"	D	Soft sandy clay 13; illite grey rock 130. Water at 130.
Con II	J. Reuten	H. Johnson	June 19, 1964	36	5	24	20	"	D	Brown clay 8; grey clay silt layers 50. Water at 20.
Con II	S. Woods	"	June 12, 1965	36	5	23	15	"	D	Brown clay 42; blue clay 15; silt 19; clay silt 40; silt soft clay 40. Water from 15 to 19.
Con II	W. McClelland	"	July 3, 1967	36	10	18	6	"	D	Sandy loam 6; coarse sand 10; blue clay silt layers 42. Water at 15.
Con III	W. H. Schuchman	"	May 6, 1967	36	2	10	10	"	D	Brown hard clay 10; blue clay silt layers 42. Water at 15.
Con III	H. Brooks	Warren Water Wells	June 15, 1964	5	4	173	130	"	D, S	Sand boulders 8; yellow sand 54; soft clay putty sand 85; gravel 86; soft grey clay 152; pit gravel 163; blue shale 173. Water at 54 and 173.
Con III	E. Campbell	"	June 15, 1964	6 1/2	20	45	35	Sulphur	D, S	Brown clay 10; blue clay 117; shale 126; limestone 127. Water at 126.
Con III	E. Grtkinis & J. Stefan	P. Ince	Sep. 23, 1964	4	2 1/2	140	73	Fresh	D	Dug well 53; soft silty sand 108; hard gravelly clay 141; grey rock 189. Water at 145.
Con III	G. Leman	"	Apr. 24, 1964	4	5	85	62	"	D	Fine clean gravel 38; sandy clay 45; fine silty sand 110; hard clay 135; shale 140. Water at 140.
Con III	H. Adams	"	Apr. 4, 1964	4	5	145	130	"	D	Hard stony clay 9; soft silty sand 22; fine dirty gravel 65; fine silty sand 90; soft sandy clay 114; hard stony clay 126; fine silty sand 169; green shale 172. Water at 170.
Con III	R. MacDonald	"	July 14, 1964	4	5	90	75	"	D	Fine silty gravel 38; soft blue clay 60; hard stony clay 98; blue clay 112; bluish rock 117. Water at 116.
Con III	S. Gail	"	June 2, 1966	8	50	50	30	"	P	Topsoil 1; layers fine sand coarse sand gravel 58; hardpan gravel 59; fine sand 69; coarse gravel 70; coarse sand fine gravel 71; fine sand fine gravel 79; fine sand 80; blue clay bedrock 115. Water from 59 to 69 and from 69 to 79.
Con III	Brantford Twp. School Area	"	Jan. 12, 1965	8	50	50	30	"	P	

BRANT COUNTY - cont.												
Brantford Con III	Con III	lot 14	P. Veber	J. Stefan	July 19, 1965	4	5	114	114	Fresh	D	Previously drilled 70; soft silty sand 30; soft sandy clay 98; hard stony clay 125; bluish rock 128. Water at 128.
Con III	"	"	14 Hidden Springs Behab Centre	"	May 24, 1967	4	4	94	94	"	D	Coarse gravel 22; fine gravel 30; fine silty sand 83; blue clay 90; green rock 106. Water at 106.
Con III	"	"	"	"	May 29, 1967	4	4	98	98	"	D	Coarse gravel 26; fine gravel 32; fine silty sand 76; blue clay 84; grey shale 92; green rock 110. Water at 110.
Con III	"	"	"	"	July 4, 1967	4	5	90	90	"	D	Medium coarse gravel 22; silty sand 86; blue clay 103; green rock 104. Water at 104.
Con III	"	"	"	"	June 27, 1967	4	5	114	114	"	D	Medium coarse gravel 44; soft silty sand 98; blue clay 125; green rock 128. Water at 128.
Con III	"	"	K. McBride	W. Packham	June 4, 1964	6 1/2	20	65	60	"	D	Sandy loam 30; sand gravel 65; sand gravel 88. Water from 65 to 88.
Con III	"	"	J. Masters	"	Oct. 6, 1965	6 1/2						Topsoil 3; gravel 30; sand 45; grey clay hardpan 102; soft black limestone 150. Dry hole.
Con III	"	"	L. Kelly	H. Johnson	Aug. 6, 1966	36	3	27	24	Fresh	D	Black loam 1; brown clay 11; blue clay 20; blue clay silt layers 44. Water at 20.
Con III	"	"	F. Drong	"	Sep. 26, 1964	36	3	30	20	"	D	Brown clay 10; blue clay sand layers 49; clay fine sand layers 80. Water at 20.
Con III	"	"	"	"	Oct. 18, 1965	24	2	27	20	"	D	Blue clay silt 60. Water at 20.
Con III	"	"	R. Jury	"	July 10, 1965	36	4	25	15	"	D	Black topsoil 1; brown clay loam 12; blue clay fine sand 30; fine red sand 35; blue hard clay 37. Water from 30 to 35.
Con III	"	"	T. Silverthorne	"	Jan. 7, 1967	36	1	34	34	"	D	Brown clay 10; blue clay silt 49. Water at 34.
Con III	"	"	A. M. Lorencz	"	July 8, 1966	36	4	21	18	"	D	Black loam 1; brown clay 11; blue clay silt layers 41. Water at 20.
Con IV	"	"	F. Wells	E. Stewart & Son	June 26, 1965	5	10	23	23	"	D	Loam 15; loam sand 25; fine sand 40; quicksand 30; blue clay 110; clay sand 124; paving coarse fine sand 128. Water at 125.
Con IV	"	"	M. Woodhatch	H. Johnson	Oct. 23, 1964	36	5	14	12	"	D	Brown sand gravel 3; grey clay sand layers 26; gravel 27. Water at 27.
Con IV	"	"	J. Cleaver	J. Stefan	Sep. 23, 1965	4	3	120	71	"	D, S	Sand 24; coarse dirty gravel 36; fine gravel 50; soft silty sand 74; hard stony clay 92; silty sand 120; blue clay 127; Greyish rock 139. Water at 135.
Con IV	"	"	A. C. Buchner	"	Oct. 20, 1965	4	3	55	30	"	D	Brown sand 7; fine gravel 26; silty sand 69; fine sand 74. Water at 69.
Con IV	"	"	Brantford Twp.	International Water Supply Ltd.	July 28, 1966	2					T	Gravel 1; sand clay 5; sand gravel 40; fine sand 117; clay 65; gravel sand boulders 68; fine sand 89; sand fine gravel 97; gravel boulders sand 99; fine sand odd gravel streak 139; grey clay 168; blue shale 170. Water at 52.
Con IV	"	"	"	"	Aug. 3, 1966	4	75	69 1/2	51	Fresh	T	Sand 62; boulders 63; sand clay streaks 84; sand 94; fine sand 104; sand 132; sandy grey clay gravel streak 173; broken shale clay 179; limestone. Water at 51.
Con IV	"	"	"	"	Mar. 6, 1967	10	400	63	55	"	P	Sandy loam 3; sand clay streaks 46; fine medium sand 67; coarse gravel boulders sand 78; fine sand 86; gravel sand boulders 113; silt fine sand clay 115. Water from 67 to 115.
Con IV	"	"	"	"	Aug. 11, 1966	2		52	52	"	T	Dirty sand 3; sand fine gravel 37; brown clay sand 53; gravel boulders sand 80; gravel sand 91; boulders gravel sand 101; sandy grey clay 124; grey clay sandy streaks 135; sand fine gravel clay 144; grey clay gravel streaks 184; bedrock. Water at 52.

\* See end of Appendix C for the meanings of abbreviations and symbols.



## APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING LEVEL G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Opinions to which formations extend below the surface are given in feet)
BRANT COUNTY - cont. Brantford Twp. - cont. Con IV lot 16	Brantford Twp.	International Water Supply Ltd.	Aug. 10, 1966	4	60	61	52	Fresh	T 8-66	Sand streaks clay 46; sand 66; gravel sand boulders 75; sand 87; sand gravel boulders 112; sandy grey clay 145; grey clay 155; boulders broken gravel sand clay 165; grey clay gravel packed limestone 172. Water at 52.
Con V	B. Donald	J. Stefan	Jan. 7, 1965	4	5	68	66	"	D	Dug well 64; silty sand 75; medium sand 80. Water at 75.
Con V	W. Ritchie	E. Stewart	Aug. 31, 1965	5	3	245	60	"	D	Bricked well 38; blue clay 78; blue clay gravel 82; blue clay 87; quicksand 105; yellow clay 146; blue clay 159; blue clay gravel 161; grey shale expsum 245. Water at 159.
Con V	R. Moore	J. Stefan	Aug. 23, 1966	4	5	47	47	"	D	Coarse gravel 22; soft sandy clay 32; dirty sand 61; medium sand 64. Water at 61.
Con V	J. Lewis	H. Johnson	Feb. 27, 1964	36	5	26	24	"	D	Fine brown sand 14; coarse sand 18; fine sand 23; coarse sand 27; medium fine sand shale 40. Water at 24.
Con VI	J. Cleaver	E. Mitchell	Oct. 12, 1967	4	10	37	32	"	D	Grey clay 20; gravel sand 51. Water from 45 to 51.
Farley Tract										
FT	lot 6 E. Pappel	H. Johnson	May 5, 1965	36	5	9	7	Fresh	D	Brown sandy clay 7; coarse brown sand 11; brown hard clay 12; soft blue clay 25. Water at 7.
FT	" 27 G. Wale	D. Thompson Drlg.	Apr. 17, 1964	5	1		75	"	D	Yellow clay 12; blue clay 63; light brown sand 75; blue clay sand 107; grey limestone 143. Water from 112 to 115.
FT	" 27 E. Turtles	H. Johnson	Nov. 6, 1964	36	5	23	21	"	D	Hard brown clay 12; blue clay silt 28; blue clay 34; sand 35; clay 40. Water at 34.
FT	" 27 D. Peage	"	May 20, 1967	36	3		20	"	D	Brown hard clay 12; blue heavy clay 22; silt 28; hard clay silt 51. Water at 20 and 28.
Hamilton Road										
HN	lot D J. Nimeroski	H. Johnson	July 10, 1964	36	5	25	20	"	D	Brown clay 10; blue clay 15; silt 25; blue clay 40; silt 45; blue clay 50; silt 60; clay silt 69; clay bedrock 79. Water at 15.
HN	" D E. Durand	R. Dennis	Nov. 18, 1967	5	2	89	20	"	D	Brown clay 10; grey clay 76; gravel clay 77. Water at 77.
HN	" H. J. Evans	P. Ince	Sept. 2, 1965	6	200	45	45	"	D, S	Brown clay 15; blue clay 12; limestone 200. Water at 187.
HN Range I	" 10 W. Madden	P. Ince	July 13, 1964	6	90	50	50	"	D, S	Brown clay 10; blue clay 96; limestone 105. Water at 105.
Indian Line Survey										
ILS	lot 36 J. Jeles	Hadoo Well Drlg. & Digging Co.	Aug. 23, 1967	30	2	58	40	Fresh	D	Topsoil 1; hard brown clay 12; blue clay 13; brown hardpan 23; blue grey clay 37; blue sand 53; blue clay 60. Water at 37.
Kerr Tract										
KT	" 1 Presbyterian Church	J. Stefan	June 30, 1964	4	5	80	68	"	P	Coarse gravel boulders 16; coarse silty sand 74; fine silty sand 94; soft sandy clay 145; medium sand 150. Water at 145.
KT	" 1 S. Simon	"	Sept. 30, 1965	4	4	48	23	"	D	Soft sand 118; blue clay 120; dark limestone 122. Water at 122.
KT	" 1 J. Sipocz	"	Oct. 13, 1965	4	4	50	15	Sulphur	D	Soft sand 111; blue clay 113; dark rock 115. Water at 115.
KT	" 1 "	H. Johnson	Feb. 2, 1966	36	10	26	17	Fresh	D	Brown sand 19; grey silt 22; sand silt clay 26; medium coarse sand 32. Water from 17 to 32.
KT	" 1 Dr. Berman	Bealton Well Digging & Const.	Nov. 1, 1965	36	4		30	"	D	Hard packed sand 30; soft silty sand 35. Water from 30 to 35.
KT	" 1 R. Hendershot	"	Sep. 12, 1967	36			30	"	D	Hard packed sand 30; soft silt sand 45. Water at 30.
KT	" 1 P. Poirier	H. Johnson	Nov. 18, 1967	36	3		6	"	D	Fine gravel 6; sand clay stone 14. Water at 6.
KT	" 2 W. Young	J. Stefan	May 4, 1964	36	5	56	55	"	D	Yellow sand 18; grey sand clay streaks 58; medium sand 64. Water at 58.
KT	" 2 G. Allin	Hadoo Well Digging Ltd.	Sep. 3, 1965	30	2		14	"	D	Brown sandy loam 2; brown sand 10; grey blue marl 13; brown marl 20; grey blue marl 26; grey sand 30. Water at 13.
KT	" 2 Brantford Twp.	International Water Supply Ltd	Aug. 22, 1966	2			15	"	T	Dirty sand 3; sand 13; sand fine sand 16; fine gravel sand 50; fine gravel sand boulders 72; red grey clay sandy streaks 86. Water at 15 and 72.
KT	" 2 "	"	Aug. 23, 1966	4	108	19	15	"	T 11-66	Dirty sand 3; sand 14; clay 17; sand fine gravel 48; fine gravel sand boulders 69; grey clay fine sand streaked 26; grey red clay gravel streaked 110; grey clay 118.

BRANT COUNTY - cont.		Brantford Twp. - cont.		Brantford Twp		International Water Supply Ltd.		Aug. 23, 1966		2		15		T 10-66		
Kerr Tract lot - 2																
KT	"	2	K. McCombs			H. Johnson		Jan. 19, 1967		36		4		D		
KT	"	1	J. Gillies			J. Stefan		July 30, 1964		4		5		D		
KT	"	3	S. Schira			E. Stewart		Feb. 5, 1964		5		11		D		
KT	"	3	"			"		Feb. 10, 1964		5		1 1/2		D		
KT	"	3	H. Millar			W. Packham		Oct. 3, 1964		6 1/2		12		Fresh		
KT	"	5	D. Kellam			T. VanKessel		Apr. 3, 1964		2		10		D, S		
Lefferty Tract	"	5	J. Campbell			P. Ince		Dec. 15, 1964		6 1/2		6		D, S		
Lefferty Tract	"	"	H. Lowden			"		Apr. 5, 1965		6 1/2		5		D		
Lefferty Tract	"	"	G. Heebink			I. Davis		Sep. 25, 1965		6 1/2		2		Sulphur		
Mount Pleasant Road	"	5	L. Sharman			Bealton Well Digging		Aug. 24, 1967		36		1 1/2		D		
Range I	lot 5	6	A. Klubi			H. Johnson		Nov. 3, 1964		36		5		D		
Range I	"	7	G. Merrit			"		Nov. 2, 1966		36		1		D		
Range I	"	8	G. Brennan			"		July 13, 1967		36		1		D		
Range I	"	10	J. Babiac			"		June 21, 1965		36		10		D		
Range I	"	11	J. Spychap			"		Oct. 29, 1966		36		5		D		
Range I	"	12	D. Burch			"		Apr. 30, 1964		36		4		D		
Range I	"	12	J. McGrattan Jr.			Bealton Well Digging & Const.		Nov. 11, 1967		36		1		D		
Range II	"	4	G. H. Sonne			E. Stewart & Son		Aug. 22, 1966		5		15		D		
Range III	"	8	J. Knight			P. Ince		Mar. 20, 1964		6 1/2		25		D, S		
Range IV	"	4	E. Babinetz			E. Stewart		June 25, 1964		5		10		D		
Mount Pleasant Road	"	West														
Range I	lot 4	Ont. Dept. of Lands & Forests			C. Goodberry Well Drilling Ltd.		Mar. 15, 1967		6		40		11		D	
Range I	"	6	H. Kaufman			E. Stewart & Son		Nov. 13, 1965		5		10		D		
Range I	"	6	H. Lacey			H. Johnson		Apr. 8, 1967		36		2		D		
Range I	"	7	R. Guest			P. Neudert		Jan. 30, 1967		36		8		D		
Range I	"	7	Junior School			P. Neudert		Sept. 27, 1967		36		7		P		

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Duplicates to which formations extend below the surface are given in left)										
BRANT COUNTY - cont.										
Brantford Twp. - cont.										
Mount Pleasant Road	W.Burden	H.Johnson	Feb. 5, 1964	30	5	13	15	Fresh	D	Brown clay 6; brown sand 15; coarse grey sand 30. Water at 15.
Range I lot 8	G.Kellam	T.VanKessel	May 18, 1964	2	20	20	20	"	D,S	Fine sand 30. Water at 20.
Range II " 3	S.Sabo	Warren Water Wells	Apr. 13, 1965	5	6	45	40	"	"	Yellow sand 46; sand 47; clay putty sand 51; fine sand 57; clay 62; sand 63; water from 51 to 57.
Joseph Thomas Grant	A.Bilanski	D.Thompson	Feb. 18, 1964	8	6	178	40	"	Ir	Light sandy soil 1; brown sand 8; blue clay 11; light brown sand 126; blue clay stones 131; brown blue limestone 178. Water from 114 to 126 and at 176.
Westbrook Tract	C.Vanderstelt	H.Johnson	July 7, 1966	36	3		20	"	D,S	Black loam 1; brown clay 10; blue clay silt layers 41. Water at 20.
Brantford Twp.										
Con I lot 2	Burford Twp. School Board	J.Stefan	Oct. 20, 1964	4	3	60	26	Fresh	P	Silty sand 43; hard stony clay 62; fine sand 77; hard stony clay 104; fine gravel 106. Water at 104.
Con I " 2	R.Knill	Lone Star Well Digging	Mar. 10, 1967	30	5	30	22	"	D	Fine sand 22; coarse sand 35. Water at 22.
Con I " 15	R.Bombout	W.Burwell	Nov. 17, 1966	1 1/2	5	20	18	"	D	Red sand 20; sand 27. Water at 20.
Con I " 18	J.Mudge	W.D.Baird	Sep. 2, 1966	5	7	68	25	"	D,S	Sand 31; hardpan 4; gritty clay 90; sand clay seams 96. Water from 94 to 96.
Con I " 22	S.Flozere	J.Stefan	Sep. 3, 1965	4	20	16	14	"	D,S	Dug well 12; soft sandy clay 80; silty sand 106; hard stony clay 119; shale 120. Water at 120.
Con I " 22	H.Mutton	Lone Star Well Digging	Mar. 13, 1967	30	5	30	23	"	D	Brown sand 7; blue clay 42; sand 43. Water at 42.
Con II " 7	P.Bandur	J.Stefan	June 2, 1967	4	5	27	7	"	D,S	Dug well 12; hard packed sand 58; blue clay 88; hard stony clay 115; light grey rock 118. Water at 118.
Con II " 13	M.Kuron	K. McLeod & Sons	May 29, 1967	7	60	35	8	Sulphur	Ir	Sand 40; blue clay 95; hardpan stones 128; black limestone 204. Water from 150 to 204.
Con II " 24	J.Singer	H.Wood	July 10, 1965	5	12	11	11	Fresh	S	Grey clay 102; coarse dirty sand 105; limestone 110. Water at 109.
Con III " 21	S.Childs	G.J.Wallis	Oct. 19, 1965	6 1/2	20	45	14	"	D	Dug well 20; blue clay 65; clay sand gravel 108; medium sand gravel 125; pea gravel 126. Water from 108 to 126.
Con III " 24	J.Housworth	J.Stefan	June 17, 1964	4	10	15	7	"	D	Dug well 5; hard stony clay 16; soft sandy clay 34; hard stony clay 59; fine silty sand 65; hard stony clay 94; medium gravel 95. Water at 94.
Con IV " 7	P.Cottlar	H.Johnson	Nov. 16, 1966	36	5	18	10	"	D	Black loam 1; brown sandy clay 4; stone sandy clay 10; grey clay stone 17; grey fine sand 31. Water at 18.
Con IV " 20	R.Potter	Hadco Well Digging & Drilling	May 29, 1967	30	4	29	11	"	D	Topsoil 1; brown clay 10; brown sand 14; grey clay 30. Water at 11.
Con V " 1	J.MacCormack	H.Johnson	June 25, 1966	36	3		6	"	D	Brown sand stone 13. Water at 6.
Con V " 3	S.Hunt	J.Stefan	Dec. 1, 1964	4	5	70	65	"	D,S	Dug well 17; dirty sand 34; dirty gravel 57; hard stony clay 70; dirty gravel 73; blue clay 11; shale 112. Water at 112.
Con V " 5	J.Keezan	H.Johnson	Apr. 16, 1966	36	5	15	15	"	D	Brown sandy loam 4; coarse sand gravel 26. Water from 25 to 26.
Con V " 7	R.Edgeworth	"	Apr. 11, 1966	36	5		14	"	D,S	Coarse brown sand 4; sand gravel 22; hardpan. Water at 14.
Con V " 10	J.Edgeworth	E.Stewart & Son	Aug. 18, 1965	5	10	40	30	Sulphur	D	Yellow loam sand 27; blue clay 80; blue clay gravel 95; blue clay real hard clay 108; soft limestone 117; brown limestone 125; brown limestone gypsum 135; brown limestone 142. Water at 140.



BRANT COUNTY - cont.  
Burford Twp. - cont.

[illegible]

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER		PUMPING LEVEL		STATIC LEVEL	KIND OF WATER	USE*	LOG AND REMARKS *
				DIAMETER	INCHES	TEST	G.P.M.	FEET			
BRANT COUNTY - cont.											
Burford Twp. - cont.											
Con VIII	lot 1										
Con VIII	" 3	K. Hall	May 9, 1966	4		5		43	Fresh	D	Silty brown sand 6; coarse dirty gravel 28; silty sand 55; medium sand 58. Water at 55.
Con VIII	" 3	G. Downman	Apr. 27, 1964	36		5		22	"	In	Brown clay 2; grey sand gravel 6; grey sand 18; coarse sand 22; coarse sand gravel 24; fine sand 34. Water at 22.
Con VIII	" 10	M. Jull	Nov. 10, 1964	4		5		23	"	D	Sort silty sand 18; soft sand clay 38; blue clay 40; medium gravel 41. Water at 40.
Con VIII	" 13	T. Vanderlans	Nov. 9, 1966	4		5		12	"	D	Sort silty sand clay streaks 58; bluish grey rock 59. Water at 59.
Con VIII	" 13	L. Lee	Mar. 22, 1967	4		10		25	"	D, S	Sort silty sand 54; hard gravelly clay boulders 70; light grey rock 73. Water at 73.
Con IX	" 11	S. Benton	June 28, 1965	4		10		35	"	D, S	Sort silty sand 82; grey shale 83. Water at 83.
Con IX	" 19	S. Beres	Dec. 13, 1967	5		10		5	"	D, S	Brown sand 9; hardpan gravel 16; grey clay 50; grey sand clay 58; grey limestone 61. Water at 59.
Con IX	" 24	K. Heaney	Mar. 17, 1966	4		5		32	Sulphur	D	Soft silty sand 26; soft clay sand streaks 55; broken greenish shale 66. Water at 66.
Con X	" 1	J. Cloet	Sep. 6, 1966	6 1/2		10		48	Fresh	D, S	Large gravel stones 25; sand gravel 80; coarse sand 100. Water from 85 to 100.
Con X	" 11	W. Steward	Nov. 21, 1966	4		4		10	"	D, S	Hard stony clay sand streaks 20; grey rock 40. Water at 40.
Con X	" 13	Z. Okslama	Oct. 21, 1965	4		12		30	"	D	Yellow sand 15; quicksand 36; grey rock 37. Water at 37.
Con X	" 15	D. Malcolm	Oct. 20, 1967	5		12		40	Sulphur	D	Sand 20; clay 54; hardpan 66; limestone 68. Water at 68.
Con X	" 23	G. Ryksen	June 7, 1966	4		5		15	"	D, S	Dug well 26; soft sandy clay 38; hard clay 42; grey soft rock 43. Water at 43.
Con X	" 24	W. Merritt	Feb. 12, 1964	4		10		34	"	D	Dug well 20; clay 60; rock 65. Water at 65.
Con XI	" 1	G. Chmiel	Aug. 25, 1966	5		10		46	"	D	Clay stones 4; stones boulders 12; red sand 62; red sand 71; grey sand 80. Water at 71 and 80.
Con XI	" 3	E. Olmstead	July 6, 1964	2		540		13	"	Ir	Topsoil 1; sand 25; sand stones 35. Water at 13. 8 points hooked together.
Con XI	" 3	J. Tentsch	Nov. 20, 1967	2		6		8	"	D	Topsoil 2; sand 15. Water from 10 to 12.
Con XI	" 11	N. Fedorov	Apr. 19, 1966	5		8		3	"	D, S	Fine yellow sand 3; blue clay stones 52; black clay stones 62; limestone 64. Water at 64.
Con XI	" 14	P. Williams	Aug. 20, 1965	4		10		30	"	D, S	Hard stony clay 16; soft silty sand clay streaks 42; fine sand 64; blue clay 67; fine gravel 68. Water at 67.
Con XII	" 22	H. Powell	Mar. 6, 1964	4		6		12	"	D	Yellow sand 5; clay 25; clay boulders 35; quicksand 43; hardpan 45; grey rock 46. Water at 46.
Con XIII	" 1	St. Anthony Daniel Separate School Board	Nov. 18, 1964	6 1/2		20		70	"	P	Sand stones 36; pit gravel 54; sand 74; sand 77; clay sand 81; clay putty sand 93; grey clay 121; shale 123; layers shale grey limestone 135; hard grey limestone. Water at 77, 123 and 135.
Con XIII	" 19	W. E. Locker	Feb. 21, 1966	7				34	"	T	Black topsoil 1 inch; yellow sand 3; grey sand 13; blue clay 14; fine gravel 20; coarse sand fine gravel 27; fine coarse gravel 32. Water from 5 to 19 and from 14 to 32.
Con XIII	" 19	P. E. Johnston Drilling Co. Ltd	Feb. 9, 1966	7				4 1/2	"	T	Fine brown sand 10; grey silty clay 10; fine grey silty sand 26; stratified silts 29; very coarse sand gravel 31; fine medium sand 37; stratified silts 40; silts 63; grey brown silts 65; clay stones 78; brown grey limestone 79. Water at 29, 40 and 79.
Con XIV	" 1	C. Hunter	May 8, 1964	5		10		38	Fresh	D	Clay stone 12; gravel 31; sand 42; sand 49. Water at 49.
Con XIV	" 2	W. Klauter	July 4, 1967	5		4		25	"	D	Clay boulders 18; clay 36; putty sand 43; sand 47. Water at 47.

## BRANT COUNTY - cont.

[illegible]

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
BRAVO COUNTY - cont. Onondaga Twp. - cont.										
Con I lot 13	M. Robinson	H. Johnson	July 6, 1964	36	3	26	15	Fresh	D	Brown clay 9; grey clay 15; silt 19; clay sand layers 30; silt 31; clay 39. Water at 15.
Con I " 13	J. DeVenney	J. Wickett	Nov. 19, 1964	5	10	55	33	"	D	Brown clay 12; blue clay 28; dirty gravel 50; hardpan 67. Water at 67.
Con I " 18	I. Boone	E. Constable	Oct. 13, 1964	6 1/2	5	40	30	"	D	Topsoil 5; brown clay 26; blue clay 60; limestone 71. Water at 67.
Con I " 23	M. Sommer	F. Ince	July 6, 1964	6 1/2	8	135	25	"	D	Brown clay 8; blue clay 62; limestone 135. Water at 120.
Con I " 24	B. Wright	"	Aug. 18, 1967	6 1/2	1	116	40	Sulphur	D	Brown clay 12; blue clay 82; limestone 116. Water at 100.
Con I " 24	A. Rea	"	Aug. 22, 1967	6 1/2	1	140	40	Fresh	D	Brown clay 15; blue clay 30; limestone 140. Water at 110.
Con II " 17	D. C. Scott	"	Dec. 11, 1966	6 1/2	1	105	40	"	D	Brown clay 8; blue clay 97; limestone 105. Water at 100.
POE Con I " 13	D. Norman	H. Johnson	Nov. 18, 1964	36	1	1	10	"	D	Hard brown clay 10; blue clay silt 39. Water at 10.
POE Con I " 14	G. Bradshaw	Hanco Well Drilling & Digging Ltd.	Nov. 21, 1967	30	4	48	36	"	D	Topsoil 1; brown clay 21; blue sandy clay 36; grey sand 42; blue clay 50. Water at 36.
POE Con II " 24	J. Chapman	F. Ince	Apr. 3, 1967	6 1/2	20	60	35	Sulphur	D, S	Brown clay 15; blue clay 76; rock 143. Water at 142.
POE Con II " 29	C. Sommer	H. Johnson	June 30, 1967	36			12	Fresh	D	Brown hard clay 10; heavy blue clay 20; blue clay silt layers 60; rock. Water at 60.
POE Con III " 9	R. Whynes	"	Aug. 25, 1965	36	2	34	32	"	D	Brown clay 14; heavy blue clay 30; blue clay silt layers 42.
POE Con III " 22	J. Spec	"	Dec. 10, 1965	36	1	10	6	"	D, S	Water from 30 to 42.
PCW Con I " 7	V. Chambers	"	July 1, 1966	36	3	30	20	"	D	Brown clay 6; sand layer 8; grey clay 30. Water at 6.
PCW Con I " 8	E. Andersen	"	Feb. 15, 1964	36	2	50	46	Sulphur	D	Black loam 1; blue clay 20; blue clay silt layers 57. Water at 20.
PCW Con II " 11	J. Bevan	F. Ince	Nov. 3, 1966	6 1/2	167		50	"	D, S	Brown clay 8; blue clay 12; brown sandy clay 14; blue clay silt 16; red sand 17; blue clay 40; clay stone 52. Water at 46.
PCW Con II " 11	"	"	Dec. 28, 1966	6 1/2	210		40	"	D, S	Brown clay 10; blue clay 119; rock 187. Water at 46.
PCW Con III " 3	M. Haughton	H. Johnson	June 17, 1965	36	2	42	40	Fresh	D	Brown clay 10; blue clay 101; limestone 210. Water at 200.
PCW Con III " 4	P. Surmanokki	"	Nov. 24, 1967	36	2		6	"	D	Black loam 1; brown clay 15; blue clay silt layers 47. Water at 30.
PCW Con III " 8	H. Zehender	"	Jan. 31, 1967	36	1 1/2		15	"	D	Sandy loam 4; sand 5; silt 9; clay silt layers 46. Water at 6.
PCW Con III " 8	M. Hughes	"	Apr. 19, 1965	36	3	25	17	"	D	Brown clay 15; blue clay silt layers 20; silt 25; clay silt 38; clay 41. Water at 15.
PCW Con III " 8	R. Webber	"	Jan. 14, 1966	36	5	20	13	"	D	Brown sandy clay 17; sand layer 18; blue clay sand layers 62. Water at 17.
PCW Con III " 13	J. Devereux	F. Ince	Dec. 13, 1965	6 1/2	20	60	50	"	D, S	Brown clay 13; sand 19; blue clay fine sand layers 33. Water at 13.
RR " 65	Kangaroo Const	"	May 24, 1966	6 1/2	20	30	50	"	D, S	Brown clay 15; blue clay 109; shale 111. Water at 111.
RR " 36	G. McMaster	J. Wickett	Nov. 26, 1964	5	4	35	22	"	D, S	Brown clay 15; blue clay 66; shale 68. Water at 68.
RR " 80	R. Schielesner	E. Constable	Nov. 20, 1967	5 1/2	3	35	20	Fresh	D	Sandy loam 10; blue clay 38; dirty gravel 41. Water at 41.
RR " 85	L. Douglas	J. Wickett	Sep. 13, 1966	5 1/2	20		16	"	D, S	Topsoil 4; blue clay 38; coarse gravel 42. Water at 42.
			Nov. 20, 1967	6 1/2	3			"	D, S	Brown clay sand 13; blue clay 18; dirty gravel 22; shale 26. Water at 24.
S. Dumfries										
Con I lot 1	I. Newman	W. Packham	Mar. 17, 1966	6 1/2	1	150	75	Fresh	D	Clay 40; sandy clay 135; limestone 158. Water at 155.
Con I " 1	B. Roarke	"	May 16, 1966	6 1/2	10	158	70	"	D	Clay 30; sandy silt clay 131; limestone 158. Water at 145.
Con I " 1	R. Wegener	"	Mar. 20, 1967	6 1/2	140	90	60	"	S	Clay 120; silty sandy clay 137; bedrock 150. Water at 144.
Con I " 1	E. Budd	"	June 17, 1967	6 1/2	155			"	D	Clay 15; soft silty clay 135; bedrock 164. Water at 155.

BRANT COUNTY - cont.  
S.Dunfries Twp.-cont.

Con I	1	K.Wood	W.Packham	Oct. 5, 1967	6 1/2	1	160	75	Fresh	D	Dug well 65; clay 143; bedrock 165. Water at 145.
Con I	2	W.Long	"	Oct. 6, 1967	6 1/2	5	140	65	"	D	Dug well 32; clay 134; bedrock 150. Water at 145.
Con I	3	A.Muttart	"	Nov. 3, 1964	6 1/2	8	165	90	"	D	Clay 120; sandy clay 138; bedrock 180. Water at 175.
Con I	4	R.Knowles	J.Stefan	Oct. 8, 1964	6 1/2	2	120	38	Sulphur	D	Soft sandy clay 11; dark rock 150. Water at 130.
Con I	5	J.Cole	W.Packham	Oct. 12, 1964	6 1/2	15	95	90	Fresh	D	Gray clay 110; sandy reddish clay silt 152; bedrock 169. Water at 165.
Con I	6	R.May	F.Ince	Nov. 17, 1965	6 1/2	1	144	40	"	D, S	Brown clay 10; blue clay 117; limestone 144. Water at 135.
Con I	7	R.Peters	W.Packham	Aug. 30, 1965	6 1/2	3 1/2	200	65	"	D	Clay 30; soft clay 85; muddy sand 95; sand clay 145; limestone 220. Water at 150 and 200.
Con I	8	J.Mitchell	E.Stewart	Aug. 27, 1964	5	10	35	33	"	D	Hard yellow clay 15; blue soft clay 40; blue hard clay 85; light grey clay 93; brown limestone 130; white limestone 132. Water at 131.
Con I	9	B.H.Ogden	J.Stefan	Sep. 6, 1966	4	5	40	6	"	D	Soft sandy clay 74; hard stony clay 89; bluish grey rock 100. Water at 98.
Con I	10	J.Boughner	"	June 3, 1965	4	5	60	3	"	D, S	Soft sandy clay 33; hard clay 64; soft sandy clay 107; grey rock 140. Water at 140.
Con I	11	Brantford Twp.	International Water Supply Ltd.	May 23, 1966	"	"	"	"	T	3-66	Brown clay 6; grey clay 22; silt 51; grey silty clay 90; limestone.
Con I	12	"	"	May 26, 1966	"	"	"	"	T	5-66	Brown clay 6; sand 13; grey red clay small gravel streaks 55; silty grey clay 94; limestone 114.
Con I	13	"	"	May 24, 1966	"	"	"	"	T	4-66	Topsoil 2; gravel sand 5; grey soft clay 86; grey red clay 90; limestone 96.
Con I	14	P.Watson	W.Johnson International	July 22, 1964	36	"	"	35	Fresh	T	Brown sandy clay 15; grey silt 40. Water at 26. Too silty.
Con I	15	Brantford Twp.	W.Johnson International	May 18, 1966	2	"	"	3	"	2-66	Sand gravel 8; sand gravel streaked 54; silty sand clay gravel streaks 77; grey clay 89; grey red clay 104; brown limestone 104.
Con I	16	"	"	May 18, 1966	2	34	18	4	Fresh	T	Topsoil 3; sand gravel boulders 25; brown clay gravel 29; sand fine gravel 37; sandy clay gravel streaks 44; sand gravel 53; dirty sand clay streaks gravel streak 74; sandy red grey clay gravel shale 105; brown limestone. Water at 3, 44, 55 and 74.
Con I	17	H.Green	Hadco Well Drilling Ltd.	Sep. 16, 1966	30	3	34	27	"	D	Topsoil 2; brown clay 4; sandy clay 10; gravel sand 35. Water at 27.
Con II	18	D.Burt	W.Packham	Aug. 14, 1964	6 1/2	6	160	85	Sulphur	S	Clay 146; limestone 168. Water at 150.
Con II	19	E.Wheeler	"	Jan. 5, 1965	6 1/2	10	120	87	Fresh	D	Dug pit 6; clay 35; sandy clay 118; dark grey limestone 127. Water at 125.
Con II	20	Malcolm Consulting Co. Ltd.	S.Gill	Mar. 11, 1966	6 1/2	57	6	12	Sulphur	T	Previously drilled 57 1/2; fine sand grey clay 58; fine gravel coarse sand 68; dirty fine sand small clay balls 70; dirty silty fine sand mixed grey clay 78. Water at 57 1/2 and from 58 to 68.
Con II	21	T.Farron	H.Johnson	Apr. 4, 1966	36	3	"	12	Fresh	D, S	Brown clay 10; blue clay silt layers 26. Water at 12.
Con II	22	Malcolm Consulting Co. Ltd.	S.Gill	May 24, 1966	12	120	"	12	"	C	Clinders 4; grey clay 40; sand gravel 41; grey till 56; fine coarse sand fine gravel 66; grey till 69. Water from 40 to 41 and from 56 to 66.
Con II	23	W.Jackson	F.Ince	June 28, 1967	6 1/2	3	80	0	"	D	Brown clay 6; stony clay 60; sandy clay 109; sand 102. Water at 112.
Con II	24	H.Turner	J.Stefan	July 12, 1965	4	25	2	Flows	"	D	Soft sand clay 14; soft silty sand 30; hard stony clay 83; shale 66; grey rock 87. Water at 87.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
BRANT COUNTY - cont.										
South Dumfries Twp.-cont.										
Con II	J. Rath	W. Packham	Nov. 29, 1965	6 1/2	15	90	Flows	Fresh	D	Sandy clay 92; bedrock 103. Water at 100.
Con II	lot 10	E. Johnson	Sep. 1, 1964	36	3	24	10	"	D	Brown clay 10; grey sand 11; grey clay silt 27. Water at 10.
Con II	" 11	Dr. W. Waite	Apr. 13, 1965	6 1/2	20	40	10	"	D	Dug well 28; soft sandy clay 95; bedrock 106. Water at 104.
Con II	" 12	J. Seifert	Apr. 7, 1965	36	3	14	8	"	D	Brown clay 8; sand 12; blue clay silt 36. Water at 8.
Con II	" 13	German School	Mar. 27, 1964	36	2	28	25	"	P	Brown sand 9; hardpan 11; sand 14; grey sand 39; clay silt 42; silt 50; clay 55. Water at 4.
Con II	" 13	Twp. School Area	Dec. 6, 1967	4 1/2			1 1/2	"	N	Red clay 4; fine red sand 6; blue clay 40; very fine grey silty sand 52; blue clay 62; very fine silty grey sand 68; clay 78; very fine silty grey sand 85; blue reddish brown clay streaks 136; bedrock. Water from 4 to 6, 40 to 52, 62 to 68 and 78 to 85.
Con II	" 13	"	Dec. 7, 1967	4 1/2			6	"	N	Red clay 6; fine red sand 12; silty red grey clay 146; hard brown limestone gypsum seams 149. Water from 6 to 12.
Con II	" 16	D. Barnes	July 14, 1964	6 1/2	40	10	Flows	"	"	Fit 10; sandy clay 12; gravel clay 130; sandy clay 138; rock 210. Water at 140 and 180.
Con II	" 16	"	July 14, 1964	6 1/2	40	35	32	"	D	Stones gravel 20; sand gravel 35; sand gravel 65; stones boulder 68. Water from 35 to 68.
Con II	" 17	G. Schoenfeld	June 16, 1964	5	10	75	68	"	D	Topsoil 1; boulders sandy clay 80; clay gravel 86; sand gravel 109. Water from 106 to 108.
Con II	" 18	A. J. Finlayson	Nov. 5, 1965	5	10	35	35	"	D, S	Yellow loam sand 15; blue clay 90; quicksand 114; blue soft clay 136; hard blue clay 144; brown hard limestone 172. Water at 170.
Con II	" 18	J. G. Niehol	Aug. 28, 1965	36	3	27	20	"	D	Brown sand 20; grey silt 37. Water at 20.
Con II	" 18	R. Golden	Dec. 10, 1965	6 1/2	10	105	102	"	D	Brown stony clay 50; sandy clay 115; gravel 117. Water at 117.
Con II	" 20	A. Nary	Dec. 28, 1965	6 1/2	10	85	75	"	D, S	Brown clay 8; stony clay 160; gravel 168. Water at 168.
Con II	" 20	H. McComb	Oct. 11, 1967	6 1/2	20	35	32	"	D	Gravel 40; clay gravel 75; medium sand 85; fine muddy quicksand 172; medium to coarse gravel 177. Water at 177.
Con II	" 28	Paris P.U.C.	Feb. 14, 1964					"	"	Boulders gravel sand 29; red blue clay 91; blue clay sandy streaks 111; blue clay limestone 118; limestone blue brown 122.
Con II	" 28	"	Feb. 19, 1964	2	8	30	22	"	T	Brown clay 5; sand gravel 7; brown blue clay 56; blue red sandy clay gravel boulder streaks 73; broken gravel sand boulders 80; red clay fine sand streaks 86; sandy clay gravel packed 98; limestone soft clay 100; hard limestone.
Con II	" 30	"	Feb. 28, 1964					"	T	Coarse gravel boulders sand 18; gravel sand boulders 26; coarse gravel boulders sand 51; blue brown clay 71; blue brown hard clay 102; gravel sand sandy clay streaks 108; boulders gravel sand 116; brown clay 120; brown clay gravel streaks 123; limestone 124.
Con II	" 31	"	Feb. 25, 1964					"	T	Sandy brown clay gravel 3; coarse sand gravel boulders 41; sandy brown clay gravel streaks 49; brown clay 172; sand fine sand fine gravel packed 135; broken limestone 177.
Con II	" 31	"	Mar. 3, 1964	7				"	T	Sand 8; boulders coarse gravel sand 23; brown clay 33; sandy clay brown blue gravel 50; gravel sand clay streaks 65; brown clay gravel streaks 69; gravel sand clay 73; sandy grey clay gravel streaks 98; cemented sand gravel 101; brown hard grey clay 132; grey clay gravel streaks 135; gravel sand sandy clay streaks 147; brown grey sandy clay 166; cemented sand gravel 174; limestone 177.



## BRANT COUNTY - cont.

South Dumfries Twp. - cont.		H. Edyvean		Sep. 12, 1967		5		10		44		32		Fresh		D	
Con II	lot 32	E.J. Barker															
Con III	"	A. Wise				6 1/2		15		120		40		"		D	Topsoil 1; clay coarse gravel 43; clay 65; sand clay 75; sand 78; gravel 79. Water from 78 to 79.
Con III	"	R. Wallace				36		5		5		22		"		D	Sandy clay 115; hardpan 126; bedrock 145. Water at 126
Con III	"	R. Dewdy				6 1/2		15		110		Flows		"		D	Sand gravel 10; clay 48; reddish brown sand very fine 115; stony clay 10; clay 48; reddish brown sand very fine 115; hardpan 130; gravel 132. Water at 132.
Con III	"	E. Sass				36						12		"		D	Black loam 6; brown sandy clay stone 10; coarse sand gravel 23. Water at 12.
Con III	"	G. Pfeiffer				4		2		80		68		"		D	Dug well 10; coarse gravel boulders 68; silty sand 82; medium sand 85. Water at 82.
Con III	"	G. Russell				4		4		75		74		"		D	Dug well 40; coarse gravel boulders 68; silty sand 75; silty gravel 83; fine clean gravel 85. Water at 83.
Con III	"	G. Rutledge				6 1/2		20		40		33		"		D, S	Dug well 3; sandy clay 155; sand gravel 159. Water at 159.
Con III	"	G. Schoenleld				2 1/2		1 1/2		5		5		"		D	Sandstone 12; sand silt 65. Water at 4 1/2.
Con III	"	J. Little				6 1/2		20		90		60		"		D	Stony clay loam 40; sand 80; sand 120; clay sand gravel 165; gravel 171. Water at 171.
Con III	"	Dr. C. Gray				6 1/2		15		45		38		"		D	Clay gravel 40; clay 80; sand 90; sand gravel 95. Water at 95.
Con III	"	M. Ritche				8 1/2		8		85		58		"		D	Dug well 50; clay gravel hardpan 82; sand fine gravel 88.
Con IV	"	H. Bomeny				36		4		24		20		"		D	Water at 88.
Con IV	"	"				36		5		17				"		D	Brown clay 8; grey sand clay 20; grey clay reddish sand 34. Water at 20.
Con IV	"	K. Dowdel				36		5		55		48		"		D	Brown sandy clay 10; blue clay stone 17; blue clay sand stone 37. Water at 17.
Con IV	"	R. Rosborough				6 1/2		20		52		50		"		S	Stony clay 50; clay 80; sand 155; gravel 159. Water at 159.
Con IV	"	W. Lindsay				6 1/2		24		52		50		"		D	Brown clay 8; hardpan 60; sand 13; haripan 155; gravel 164. Water at 164.
Con IV	"	L. Skillings				6 1/2		15		50		40		"		D, S	Brown clay sand 6; gravel stones 28; stones 57; gravel fine sand 147; coarse gravel 152; stones 160; dark grey rock 167. Water at 150.
Con IV	"	G. Dawson				6 1/2		25		15		8		"		D, S	Brown clay 15; sandy clay 100; gravel 109. Water at 109.
Con IV	"	E. Schmitt				6 1/2		4		128		55		"		D	Brown clay 6; sandy clay 144; sand 148. Water at 146.
Con IV	"	G. Poirier				36								"		D	Brown clay 5; stones 15; grey sand 50; grey sand stone 42; grey sand stones 76. Dry hole.
Con IV	"	"				6 1/2		20		175		135		Fresh		D	Dug well 70; stone gravel 140; very fine sand quicksand 234; gravel 236; muddy sand 245; bedrock 284. Water at 281.
Con IV	"	S. Schiria				36		4		8		6		"		D	Brown clay 1; sand stone 16. Water at 6.
Con IV	"	I. Kelley				36		5		22		16		"		D, S	Black loam 1; sand stone 11; blue clay silt 33; blue clay sand 37. Water at 16.
Con V	"	G. A. Pietzer				6 1/2		50		Flows		Flows		"		"	Silty clay 50; sand 110; sand gravel 114; bedrock 118. Water at 114.
Con V	"	Shaver Poultry Breeding Farms				7		30		80		64		"		D, S	Brown sand clay 32; broken rock 86; brown clay 202; cemented gravel 207; loose gravel stone 210. Water at 210.
Con V	"	"				6 1/2		20		110		60		"		S	Brown stony clay 90; brown clay 210; fine gravel 216. Water at 216.
Con V	"	G. Henderson				6 1/2		17		200		165		"		S	Old dug well 30; sandy clay gravel 118; gravel stones 145; clay gravel 185; gravel 190; sand gravel 193; silty clay 282; bedrock 307. Water at 304.
Con V	"	"				6 1/2		10		175		172		"		D	Clay loam gravel 110; boulders 125; gravel 190. Water at 190.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
BRANT COUNTY - cont.										
South Dumfries Twp. - cont.										
Con V lot 12	D. Denton	J. Stefan	Aug. 30, 1966	4	5	105	103	Fresh	D	Sandy clay 6; soft clay sand gravel 122; fine gravel 123. Water at 122.
Con V " 14	G. Sickle	W. Packham	Dec. 15, 1964	6 1/2	20	90	80	"	D, S	Pit 7; sandy clay loam small stones 20; sandy clay 95; gravel 100. Water at 100.
Con V " 15	S. Sharp	"	Oct. 10, 1966	6 1/2	10	170	120	"	S	Pit 5; soft clay 105; hard clay gravel 160; sand 165; hardpan 192; shale 193. Water at 193.
Con V " 19	G. Morris School	H. E. Elyvean	Sep. 12, 1965	7	12	85	80	"	P	Shale 193. Water at 193. Boulder gravel 50; clay gravel 100; hardpan 158; grey rock 159. Water at 159.
Con V " 29	W. Perrillan	H. Johnson	Apr. 17, 1964	3 1/2	5	23	18	"	D, S	Sand 1; brown clay stone 6; brown sand 10; brown clay 12; coarse grey sand 22; brown clay stone 23. Water at 18.
Con V " 29	R. Hyndman	C. Shantz	July 22, 1964	3	2	74	36	"	D, S	Well pit 5; sandy clay gravel 45; clay gravel 125; silty sandy clay gravel 135; gravel clay 141. Water from 135 to 141.
Con VI " 5	J. & P. Szentimrey	P. Ince	Aug. 16, 1967	6 1/2	15	100	70	"	D, S	Brown clay 40; blue clay 130; shale 140; limestone 142. Water at 140.
Con VI " 7	J. Ross	S. Gall	Mar. 5, 1964	6 1/2	8	20	Flows	"	S	Dug well 30; silt 100; gravel 103; rock 112. Water at 112.
Con VI " 7	"	"	Oct. 15, 1966	6 1/2	10	95	95	"	D, S	Boulder sandy loam 20; stone boulder 35; clay stone 95; gravel 177; sand clay 120; brown clay quicksand 148; sand gravel 154. Water at 154.
Con VI " 7	J. & P. Szentimrey	P. Ince	Aug. 12, 1967	6 1/2	10	100		"	D, S	Brown clay 20; blue clay 88; limestone 107. Water at 90.
Con VI " 10	C. Henderson	W. Packham	Apr. 7, 1965	6 1/2	35	105	100	"	D, S	Sandy clay 60; hard clay 170; sand gravel clay salt 150; gravel 195. Water at 195.
Con VI " 12	P. Stillwell	"	Feb. 16, 1967	6 1/2	20	90	70	"	D	Pit 6; sand gravel clay 35; large stones sandy clay 50; coarse gravel 70; soft clay 125; hard clay 140; hardpan large stones 150; bedrock 153. Water at 152.
Con VI " 13	C. Whitham	"	Feb. 2, 1964	6 1/2	25	75	65	"	D	Pit 6; sandy clay gravel 40; clay 100; hardpan 108; shale 112. Water at 110.
Con VI " 17	D. Sharp	"	May 5, 1967	6 1/2	30	40	25	"	D, S	Sandy clay gravel 30; clay gravel stones 60; sand gravel stones 65. Water at 65.
Con VI " 19	G. Loker	S. Gall	Mar. 19, 1964	6 1/2	15	50	12	"	D	Brown clay stone 40; sand clay stones 88; grey rock 108. Water at 95 and 106.
Con VI " 19	R. Rockstra	G. J. Wallis	Oct. 19, 1964	6 1/2	12	64	8	"	D	Bank run 17; gravelly blue clay 30; sandy blue clay 50; gravelly blue clay 70; sand fine gravel 74. Water from 70 to 74.
Con VI " 19	W. Whittle	Kerr's Well Drilling	ret. 4, 1966	4	15	48	37	"	D	Clay 30; clay boulders 58; clay salt 89; boulders 102; clay silt 114; shale 119. Water from 114 to 119.
Con VI " 26	Berwick Constr.	W. Packham	June 17, 1965	6 1/2	4	105	50	"	D	Sand gravel 10; clay 70; silty clay 105; fine sand 110. Water at 110.
Con VI " 26	Grand River Constr. Auth.	"	May 31, 1967	6 1/2	25	60	57	"	P	Sandy clay gravel 20; soft sandy clay 90; hardpan 95; soft clay sand 220; coarse gravel 222. Water at 222.
Con VI " 26	Berwick Constr.	"	Sep. 21, 1967	6 1/2	2	135	70	"	D	Brown sandy clay 45; fine sand 130; fine medium sand 138. Water from 135 to 138.
Con VI " 37	D. DaRosa	L. C. Shantz	Mar. 17, 1966	5	9	62	61	"	D, S	Previously drilled 71; silty sandy clay gravel 108; silty sandy clay 189; brown limestone 205. Water from 202 to 205.
Con VIII " 2	P. Racine	W. Packham	Nov. 26, 1964	6 1/2	20	45	40	"	D	Some gravel sandy loam 20; sand clay gravel 100; bi-ack shaly rock 104. Water at 102.
Gore " 6	D. MacAlpine	"	Oct. 31, 1964	6 1/2	20	45	40	"	D	Clay 9; sand gravel 110; gravel 114. Water at 114.
Gore " 7	R. Peelar	"	Oct. 23, 1964	6 1/2	20	65	60	"	D	Clay 80; sand 98; rock 108. Water at 105.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont. S. Dumfries Twp. - cont. Grand River West cont. GRW Con II lot 3 Paris P.U.C.		S. Gall	Mar. 1, 1965	8	268	57	40½	Fresh	T 6-64	Boulders 47; fine sand fine gravel thin layers silt 67; fine sand gravel 79; coarse sand fine gravel 87; clay till 88; coarse sand fine gravel 99; bedrock. Water from 67 to 87, 88 to 99.
GRW Con II " 3	"	"	Mar. 1, 1965	6½			37	"	T 7-64	Boulders 47; fine sand fine gravel thin layers silt 67; fine sand gravel 79; coarse sand fine gravel 87; clay till 88; coarse sand fine gravel 99; bedrock. Water from 67 to 87 and from 88 to 99.
GRW Con II " 3	"	"	July 1, 1965	19½	399	56½	38½	"	P	Boulders 47; fine sand fine gravel thin layers silt 67; fine sand gravel 79; coarse sand fine gravel 87; clay till 88; coarse sand fine gravel 99; broken bedrock. Water from 67 to 87 and from 88 to 99.
GRW Con II " 3	J. Weatherston	W. Packham	Jan. 25, 1966	6½	20	100	90	"	D, S	Sandy loam clay 10; gravel 50; clay 158; shale 160; hard rock 161. Water at 160.
Tuscarora Township (formerly) or Tuscarora Indian Reserve or Six Nations Indian Reserve or Part of Indian Reserve No. 40.										
BF lot 31 C. Fraser		J. Wickett	Aug. 11, 1967	6½	16	56	43	Sulphur	D	Brown clay 22; blue clay 65; gravelly shale 86. Water at 85.
BF " 47 S.S. #4		"	Nov. 30, 1967	6½	20		35	Fresh	P	Brown clay 20; blue clay 60; dirty gravel 70; shale 76. Water at 75.
FOEMM " 43 K. Young		H. Johnson	Feb. 14, 1967	36	2		15	"	D	Brown clay 14; blue clay 15; fine sand silt 16; blue clay silt layers 30. Water at 15.
FOEMM " 55 Pauline Johnson Park		J. Wickett	Apr. 13, 1967	6½	20	26	20	"	P	Sandy loam 4; gravel 10; gravel 25; blue clay 65. Water at 64.
FOEMM " 55 H. Hill		"	Sep. 19, 1967	6½	6	65	20	"	D	Sandy loam 2; brown clay 17; blue clay 55; dirty gravel shale 75. Water at 74.
Con I " 1 G. Herhemer		E. Mitchell	Feb. 7, 1964	6½	18	52	47	"	D	Clay 10; grey limestone 50; brown limestone 62. Water at 38 and 57.
Con I " 16 D. Hill		J. Wickett	Oct. 6, 1967	6½	30	15	6	"	D	Brown clay 20; blue clay 51; dirty gravel 53. Water at 53.
Con I " 31 W. Davis		Beaton Well Digging & Const.	Nov. 29, 1967	30				"		Brown clay 12; blue clay 30. Dry hole.
Con II " 1 W. Farmer		E. Mitchell	June 12, 1965	6½	20	40	30	Sulphur	D	Clay 44; clay gravel 46; grey limestone 86. Water at 84.
Con II " 20 R. Martin		J. Wickett	Aug. 18, 1967	6½	12	44	18	Fresh	D	Sandy loam 2; brown clay 16; blue clay 50; white gypsum 52. Water at 50.
Con II " 24 J. Garlow		"	Aug. 24, 1967	6½	5		2	"	D	Sandy loam 3; brown clay 16; blue clay 46; dirty gravel 50; brown limestone 60. Water at 55. Encountered gas.
Con II " 25 J. Miller		"	May 30, 1967	6½	10	70	21	"	D	Brown clay 15; blue clay 48; dirty gravel 77; shale 80. Water at 79.
Con III " 1 6th Nation School		"	Aug. 8, 1967	6½	15	32	30	Sulphur	P	Brown clay 20; blue clay 30; dirty gravel 35; shale 40. Water at 35.
Con III " 2 H. Garlow		"	Apr. 25, 1967	5	20	18	18	Fresh	D	Brown clay 23; blue clay 38; shale 40. Water at 39.
Con III " 3 B. Petters		"	Dec. 9, 1967	6½	15		64	"	D	Dirty gravel 51; shale 73. Water at 70.
Con III " 4 R. Tickers		"	May 5, 1967	6½	12	50	50	"	D	Brown clay 6; dirty gravel 13; shale 61. Water at 55.
Con III " 12 N. Green		"	June 2, 1967	6½	20	16	16	"	D	Brown clay 30; blue clay 55. Water at 55.
Con III " 18 M. General		"	May 28, 1967	6½	18	18	18	"	D	Brown clay 16; blue clay 62; shale 65. Water at 65.
Con III " 23 G. Hall		"	Aug. 22, 1967	6½	12	30	21	"	D	Brown clay 18; blue clay 63; dirty gravel 78. Water at 77.

BRANT COUNTY - cont. Tuscarora Twp.- cont.			J. Wickett		The Pagent Grove		Mar. 24, 1967		6i	10	60	40	Sulphur	P		
Con III	lot 25															
Con IV	"	3	C. Davis	"			May 22, 1967		6i	12	54	54	Fresh	D		Brown clay 14; blue clay 59; grey shale rock 82. Water at 82.
Con IV	"	4	A. Montour	"			May 17, 1967		6i	16	44	43	"	D		Dirty gravel 50; grey limestone 74. Water at 73.
Con IV	"	4	L. Martin	"			May 23, 1967		6i	12	44	42	"	D		Brown clay 20; blue clay 35; dirty gravel 55. Water at 54.
Con IV	"	6	P. Montour	"			Mar. 29, 1967		6i	16	62	62	"	D		Brown clay 34; dirty gravel 50; shale 55. Water at 51.
Con IV	"	6	A. White	"			Dec. 6, 1967		6i	20	38	36	"	D		Brown clay 2; dirty gravel 39; shale 75. Water at 67.
Con IV	"	7	H. Marolle	"			Apr. 3, 1967		6i	16	22	22	"	D		Brown clay 20; blue clay 30; dirty gravel 45. Water at 43.
Con IV	"	16	E. Garlow	E. Stewart			Nov. 16, 1965		5	5	40	30	"	D, S		Brown clay 27; gravel 40; shale 51. Water at 47.
Con IV	"	18	K. General	J. Wickett			Aug. 29, 1967		6i	10	70	20	"	D		Yellow clay 30; blue clay 45; blue clay gravel 50. Water from 45 to 50.
Con IV	"	19	L. Johnathon	"			Mar. 7, 1964		5	15	30	34	"	D, S		Brown clay 24; blue clay 60; dirty gravel 65; shale 75. Water at 70.
Con IV	"	18	A. Hill	"			Aug. 17, 1967		8i	16	25	17	"	D		Yellow clay 19; blue clay 40; dirty gravel 46. Water at 46.
Con V	"	18	L. Porter	"			Aug. 15, 1967		8i	15	25	25	"	D		Brown clay 17; blue clay 65; dirty gravel 67. Water at 66.
Con V	"	18	A. Porter	"			June 5, 1967		6i	20	18	18	"	D		Brown clay 20; blue clay 59; shale 60. Water at 59.
Con V	"	19	M. Styres	"			June 3, 1967		6i	18	88	28	Sulphur	D		Brown clay 25; blue clay 60; dirty gravel 65; grey limestone 88.
Con VI	"	1	Atkins	"			Oct. 27, 1965		5	8	22	22	Fresh	D		Brown clay 83. Water at 83.
RP	"	62	Dr. T. Jamieson	"			Oct. 24, 1966		5	12	24	24	"	D		Brown clay 9; shale 30. Water at 28.
									5				"	D		Brown clay 6; dirty gravel 15; shale 31. Water at 30.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
BRUCE COUNTY										
Albermarle Twp.										
BRE Con III lot 20	O. White	A. Wright	Sep. 22, 1967	5	8	95	28	Fresh	D, S	Black soil 3; clay stones 4; grey rock 95. Water at 90.
BRE Con III " 22	Ont. Dept. of Highways	S. Wright	Mar. 8, 1965	5	50	15	6	"	P	Brown sandy soil 2; brown soft shaly limestone 4; grey limestone 60; light brown limestone 75; grey limestone 88; red silty clay layer 88; brown limestone 96. Water at 60 and 88.
BRE Con IV " 33	R.L. Carson	B. & S. Wright	Oct. 26, 1965	5	14	50	5	"	D, S	Topsoil 4; sand stones 10; gravel stones 16; hardpan clay 21; white limestone 45; blue limestone 76. Water at 74.
BRE Con V " 24	M. Hansen	D. Wright & Sons	Sep. 26, 1965	5	5	10	Flows	"	D	Stony clay 8; grey limestone 106; blue limestone 111. Water at 108.
BRE Con V " 25	L. Shipley	"	May 26, 1965	5	4	65	4	"	D	Grey limestone 68. Water from 55 to 60.
BRE Con V " 25	J. Stewart	W. Wright	June 22, 1967	5	3	40	5	"	D	Loose stones 3; brown limestone 74. Water at 65.
BRE Con V " 25	L. Shipley	D. Wright & Sons	June 7, 1965	5	5	40	5	"	D	Grey limestone 68. Water at 60.
BRE Con V " 25	M. Hansen	"	May 12, 1964	5	15	Flows	15	"	P	Clay boulders 12; limestone 106. Water at 100.
BRE Con V " 26	G. Slingerland	"	June 8, 1964	5	15	"	"	"	D	Clay boulder 12; limestone 110. Water at 105.
BRE Con V " 27	W. Roberts	R. & S. Wright	Sep. 23, 1967	5	10	"	Flows	"	D	Clay stones 9; brown limestone 30; blue limestone 70; light brown limestone 115; blue shale 117. Water at 115.
BRE Con V " 28	P. Smith	D. Wright & Sons	July 4, 1964	5	5	60	7	"	D	clay stones 6; brown limestone 50; greyish white limestone 70. Water from 28 to 65.
BRE Con VI " 6	W. King	R. & S. Wright	Sep. 2, 1965	4	14	25	13	"	D, S	Hardpan stones 5; grey limestone 43. Water at 42.
BRE Con VII " 23	P. Horne	D. Wright & Sons	July 24, 1964	5	7	19	11	"	D	Dark brown limestone 56; grey soft dirty limestone 101. Water at 96.
BRE Con VII " 25	G. Werner	W. Wright	June 26, 1967	5	3	55	6	"	D	Loose stones 3; brown limestone 60. Water at 55.
BRE Con VIII " 20	M. Puder	D. Wright & Sons	Jan. 18, 1966	5	7	50	7	"	D	Clay 6; grey limestone 67. Water from 40 to 65.
BRE Con IX " 1	G. Wilken	R. & S. Wright	June 23, 1965	5	5	"	"	"	D	Topsoil 1; grey limestone 45; hard blue limestone 60; rock blue shale 70; red shale 76. Dry hole.
BRE Con X " 3	J. Smallman	W. Wright	June 15, 1967	7	0	0	0	"	D, S	Blue clay 60. Dry hole.
BRE Con X " 25	H. Gilbert	D. Wright & Sons	July 7, 1964	5	7	24	20	Fresh	D, S	Gravel 25; grey limestone 90. Water at 84.
BRE Con XI " 20	C. Gilbert	"	Sep. 9, 1964	5	7	45	45	"	D, S	Topsoil 3; grey limestone 70; brown limestone 98. Water at 95.
BRE Con XII " 31	A. Hunter	W. Wright	June 14, 1967	5	2	65	7	"	D	Clay stones 10; grey limestone 40; blue shale 50; red shale 71. Water at 40.
BRE Con IV " 5	Ont. Dept. of Indian Affairs	D. Wright & Sons	July 28, 1964	5	2	65	20	Mineral	P	Shale rock 35; blue shale 45; red shale 70. Water at 35 and 60.
BRE Con IV " 18	O. Noble /	R. & S. Wright	Nov. 27, 1967	5	7	24	18	Fresh	D	Brown sand 12; brown sand stones 28; brown limestone 77; grey limestone 80. Water at 77.
BRE Con IV " 19	S. McNally	D. Wright & Sons	Apr. 15, 1965	5	5	65	8	"	D	Sand 50; brown limestone 82. Water from 70 to 75.
BRE Con IV " 19	F. Reid	A. Wright	July 12, 1966	5	12	57	9	"	D	Sand 6; brown rock 57. Water at 55.
BRE Con IV " 19	S. Boyce	D. Wright	Aug. 8, 1966	5	2 1/2	80	"	"	D	Sand 12; brown limestone 89; dark brown limestone 100. Water at 89.
BRE Con IV " 19	D. Symons	"	Aug. 18, 1966	5	10	10	6	"	D	Sand 3; brown limestone 62. Water at 57.
BRE Con IV " 19	T. Bearman	"	June 11, 1968	5	5	16	2	"	D	Sand 10; brown limestone 63. Water at 52.
BRE Con IV " 20	G. McNaught	"	May 18, 1964	5	5	22	5	"	D	Sand 15; brown limestone 71. Water at 65.
BRE Con IV " 22	P. Hardman	"	Nov. 23, 1964	5	7	14	6	"	D, S	Sand 12; brown limestone 54. Water at 49.
BRE Con V " 12	G. Marshall	"	May 16, 1964	5	3	65	8 1/2	"	D	Loose rock 3; brown limestone 81. Water at 65 and 75.
BRE Con V " 12	W. Everettis	"	May 13, 1967	5	14	25	9	"	D	Grey limestone 60; blue limestone 83. Water at 75.
BRE Con V " 12	J. Layton	R. & S. Wright	June 15, 1967	5	10	40	10	"	D	Topsoil 1; grey limestone 3; dark grey limestone 95. Water at 93.
BRE Con V " 12	J. Dlee	A. Wright	Nov. 27, 1967	5	16	58	6	"	D	Dark brown rock 58. Water at 55.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*			OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
BRUCE COUNTY - cont.												(Depth to which formations extend below the surface are given in feet)
Con D	17	19	N.Jackson	W.Wright	May 8, 1967	5	2	70	Flows	Fresh	D	Gravel sand 44;light brown limestone 80. Water from 55 to 70.
Con D			Saugen	R.&S. Wright	June 10, 1967	6	25	70			P	Brown sand 19;grey clay 26;white limestone 65;brown limestone 150;blue limestone 155;brown limestone 160. Water at 37 and 155.
Con D	21		R.Smith	W.Wright	July 31, 1967	5	15	110	20		P	Sand 80;clay gravel 93;limestone 130. Water from 120 to 125.
Con D	25		M. Wagner	D.Wright & Sons	May 29, 1965	5	10	50	40		P	Sand 60;sand gravel 93;grey limestone 106. Water at 103.
Con D	25		Saugen	R.&S.Wright	June 1, 1967	6	20	20	9	Sulphur	P	Brown sand 21;grey clay 34;white limestone 65;brown limestone 145. Water at 70 and 140.
Con D	25		Indian Reserve	W.Wright	July 25, 1967	5	5	85	40	Fresh	P	Sand 70;gravel clay 91;light brown limestone 111. Water at 108.
Con D	25		Park	"	June 3, 1967	5	3	65	4		D	Sand 18;clayish gravel 35;light brown limestone 68;white limestone 70. Water at 55.
Con D	25		B.Gardhouse	D.Wright & Sons	Sep. 11, 1965	5	4	50	4		D	Sand 20;gumbo clay 28;brown limestone 60. Water from 50 to 55.
Con D	25		L.Jewett	"	Nov. 4, 1965	5	5	50	3		D	Sand 28;brown limestone 65. Water at 63.
Con D	25		K.Wagner	"	June 10, 1964	5	3	185	37	Sulphur	D	Dug well 25;brown sand 3;grey sand clay 100;grey sand clay fine gravel 110;brown limestone 192;dark brown limestone. Water at 120.
Con D	26		E.Mckeachnie	R.&S.Wright	June 10, 1964	5	3				D	Sand 50;clay Gravel 85;light brown limestone 115. Water at 112.
Con D	26		A.Blair	W.Wright	June 10, 1967	5	10	10	9	Fresh	D	Sand 20;clay gravel 70;grey limestone 260;white limestone 300. Water from 85 to 285.
Con D	26		M.Forbes	"	Apr. 26, 1967	5	12	140	10	Sulphur	P	Sand gravel stones 70;Grey limestone 285;white limestone 300. Water from 95 to 285.
Con D	26		Amabel Twp.	"	July 8, 1967	5	15	120	20		P	Sand Gravel 67;limestone 101. Water from 90 to 95.
Con D	27		A.Walker	"	Jan. 19, 1967	5	2	90	12	Fresh	P	Sand clay 50;grey limestone 125. Water from 80 to 120.
Con D	27		J.Nicol	"	July 13, 1967	5	14	60	18	Sulphur	D	Sand 47;brown limestone 80. Water at 75.
Con D	31		B.Kennedy	"	Mar. 12, 1967	5	5	65	18	Fresh	D	Sand 18;brown limestone 50;white limestone 71. Water from 50 to 60.
Con D	32		M.Mewhort	D.Wright	Jun. 18, 1964	5	2	70	6		D	Sand 15;clay 18;light brown limestone 50. Water at 45.
Con D	33		B.Jackson	W.Wright	Jun. 6, 1967	5	12	35	4		D	Sand clay 10;grey limestone 55;brown limestone 64. Water at 60.
Con D	34		A.Youngblood	D.Wright & Sons	Jun. 1, 1966	5	10	18	7		D	Overburden clay gravel 3;brown rock 50. Water at 48.
Con D	41		A.Smith	A.Wright	July 28, 1966	5	12	25	1		D	Fine sand 12;brown rock 75. Water at 72.
Con D	41		L.Hankin	"	Aug. 12, 1966	5	20	65	Flows		D	Sand 8;brown limestone 50. Water at 45.
Con D	41		A.Sandlak	D.Wright & Sons	Aug. 15, 1965	5	5	20	4		D	Sand 7;gumbo clay 15;bedrock 56. Water at 53.
Con D	42		J.Craig	"	May 23, 1964	5	12	14	3		P	Sand gravel clay 14;brown limestone 66. Water at 60.
Con D	42		A.Peacherstone	W.Wright	Aug. 10, 1967	5	6	10	2		P	Sand 2;grey limestone 81. Water at 65.
Con D	44		W.Edwards	L.&A.Wright	June 25, 1964	5	12	81	1		D	White rock 32. Water at 298.
Con D	45		M.Ede	A.Wright	July 18, 1966	5	4	70	5		D	Topsoil stones 3;grey limestone 51. Water at 51.
Con D	45		W.Elmslie	"	July 21, 1966	5	15	6	15		D	Sandy clay 4;brown limestone 50;white limestone 55. Water at 50.
Con D	46		O. Day	R.&S. Wright	May 1, 1964	4	5	20			D	Black soil 4;brown limestone 30;grey limestone 60;blue limestone 63. Water at 39 and 60.
Con D	46		J.Graper	D.Wright	June 13, 1966	5			Flows		D	Sandy clay 6;brown limestone 60. Water at 55.
Con D	46		J.Henderson	R.&S.Wright	May 6, 1966	5	12	50	"	Sulphur	D	
Con D	47		J.Thomas	D.Wright	June 20, 1966	5	5	8	2		D	

BRUCE COUNTY - cont.		Amabel Twp. - cont.		C. Hill		D. Wright & Sons		June 3, 1965		5	10	22	4	Fresh		D		Sand 4; soft clay 15; boulders gravel 24; gray limestone 50.	
Con D	"	49	"	M. Nichol	"	L. & A. Wright	"	July 22, 1964	"	5	10	56	6	"	"	D	"	Water from 40 to 45; brown rock 56. Water at 50.	
Con II	"	"	"	J. McDonald	"	D. Wright	"	Jan. 6, 1966	"	5	6	100	80	"	"	D, S	"	Clay stones sand 100; gray limestone 180; brown limestone 245.	
Con III	"	20	"	C. Mizen	"	E. & S. Wright	"	Mar. 1, 1967	"	5	5	95	72	"	"	D, S	"	Water from 190 to 235.	
Con IV	"	15	"	J. Davidson	"	G. L. Davidson	"	Nov. 4, 1964	"	4	12	60	52	"	"	D, S	"	Hardpan boulders 80; sandy small stones 135; clay sandy formation 22; bedrock, white limestone 330. Water at 260, 295 and 320.	
Con V	"	1	"	E. Pringle	"	E. & S. Wright	"	Apr. 27, 1964	"	4	10	45	35	"	"	D	"	Stony hardpan 38; sand 68; sand gravel 84; stony hardpan 118; sand hardpan stones boulders 184; brown hard shale; brown soft rock 198; gray hard rock 222. Water at 222.	
Con V	"	2	"	United Church	"	"	"	Apr. 17, 1964	"	4	10	22	10	"	"	P	"	Sand gravel 14; sand clay 16; layers broken limestone 19; hard black slate rock 76. Water at 76.	
Con V	"	6	"	B. Fenton	"	"	"	Aug. 5, 1966	"	5	10	50	30	"	"	D	"	Sand 4; fine sand 15; clay stones 18; layers dark limestone 20; black slate limestone 40. Water at 40.	
Con V	"	26	"	K. Volgi	"	D. Wright & Sons	"	Oct. 16, 1965	"	5	10	5	Flows	"	"	D	"	Brown sand 10; clay stones 54; brown limestone 60. Water at 57.	
Con VI	"	1	"	G. Sylvester	"	"	"	Sep. 3, 1966	"	5	5	40	28	"	"	D	"	Sand 1; shaly brown limestone 25; hard brown limestone 65. Water at 40 and 65.	
Con VI	"	6	"	V. Dustow	"	E. & S. Wright	"	July 28, 1966	"	5	10	20	3 1/2	"	"	D	"	Clay gravel boulders 28; hard limestone 56. Water from 40 to 50.	
Con VII	"	5	"	L. Post	"	D. Wright	"	Sep. 26, 1966	"	5	21	30	27	"	"	D, S	"	Brown sand 5; brown sand clay stones 38; limestone 40. Water at 39.	
Con VII	"	14	"	S. Currie	"	"	"	June 13, 1964	"	4	5	50	20	"	"	D	"	Clay gravel boulders 34; sandstone 72. Water from 65 to 68.	
Con IX	"	5	"	G. Dawson	"	"	"	Oct. 25, 1966	"	5	12	50	45	"	"	D	"	Clay gravel large boulders 100; hard limestone 180; soft limestone 190. Water from 180 to 190.	
Con IX	"	10	"	J. Seaman	"	"	"	May 27, 1967	"	5	10	40	25	"	"	D	"	Sand clay 33; limestone 97. Water from 90 to 95.	
Con XI	"	12	"	L. McAvick	"	"	"	July 23, 1967	"	5	10	40	Flows	"	"	D	"	Sand 42; clay gravel boulders 58; black rock 81. Water from 76 to 79.	
Con IX	"	18	"	J. Walker	"	D. Wright & Sons	"	Sep. 15, 1964	"	5	10	8	"	"	"	D, S	"	Sand 18; hard limestone 82. Water from 60 to 75.	
Con IX	"	20	"	E. Carson	"	"	"	Aug. 20, 1965	"	5	5	60	20	"	"	D	"	Clay gravel sand 99; hard brown limestone 135. Water at 130.	
Con X	"	1	"	P. Watson	"	W. Wright	"	May 3, 1967	"	5	15	30	20	"	"	D	"	Sand 50; gumbo clay 90; gravel 104; brown limestone 181. Water from 150 to 175.	
Con X	"	5	"	J. Kocher	"	D. Wright & Sons	"	Mar. 15, 1964	"	5	10	50	40	"	"	D, S	"	Sand gravel 15; black rock 40; dark brown limestone 95. Water from 86 to 90.	
Con X	"	10	"	C. Adams	"	A. Wright	"	June 18, 1966	"	5	6	50	24	"	"	D, S	"	Clay gravel sand 38; brown limestone 97. Water at 90.	
Con XII	"	15	"	L. Lawrence	"	W. Wright	"	Oct. 10, 1967	"	5	5	90	18	"	"	D	"	Fine sand 20; sand clay stones 60. Water at 55.	
Con XIX	"	3	"	D. McGarvey	"	D. Wright & Sons	"	Nov. 18, 1965	"	5	5	20	Flows	"	"	D	"	Sand clay stones 13; black rock 90; dark brown rock 102. Water at 90.	
Con XX	"	15	"	S. Lizmore	"	"	"	Apr. 16, 1964	"	5	5	18	6	"	"	D	"	Sand 4; hardpan 12; gray limestone 90; blue limestone 132. Water at 125.	
Con XX	"	15	"	G. Rowra	"	"	"	May 15, 1964	"	5	10	15	7	"	"	D	"	Loose rock 12; brown limestone 55. Water from 30 to 50.	
Con XX	"	15	"	A. Atkinson	"	"	"	Oct. 2, 1964	"	5	18	18	10	"	"	D	"	Clay stones 5; limestone 52. Water at 47.	
Con XX	"	15	"	A. Agate	"	W. Wright	"	May 13, 1967	"	5	21	18	3	"	"	D	"	Clay stones 7; brown limestone 48. Water at 45.	
Con XX	"	15	"	M. Larmour	"	E. & S. Wright	"	May 3, 1967	"	5	6	40	16	"	"	D	"	Dark soil 2; brown limestone 30; gray limestone 50. Water at 46.	
Con XX	"	15	"	A. Peckham & C. Bayley	"	"	"	July 26, 1967	"	5	21	35	12	"	"	D	"	Clay boulders 7; limestone 63. Water from 55 to 60.	

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont.											
Amabel Twp.- cont.											
Con XXI	" 1	S. Munn	D. Wright & Sons	Oct. 10, 1964	5	3	80	15	Fresh	D	Clay gravel sand 68; limestone 109. Water from 100 to 102.
Con XXI	" 1	E. Walpole	L. & A. Wright	Apr. 14, 1965	5	5	22	12	"	D	Stones brown clay 51; grey limestone 71. Water from 65 to 70.
Con XXI	" 22	E. Brown	D. Wright	Apr. 18, 1967	5	1	75	20	"	D	Clay harpian 40; brown limestone 82. Water at 65.
Con XXII	" 21	C. Brown	"	May 14, 1966	5	5	50	18	"	D	Harpian gravel stones 27; brown limestone 85. Water at 40.
Con XXIV	" 1	C. Warden	A. Wright	May 5, 1967	5	5	54	11	"	D, S	Limestone 54. Water at 35.
Con XXV	" 1	G. Miller	W. Wright	July 26, 1967	5	3	100	3	"	C	Limestone 105; blue shale 130. Water from 80 to 110.
Con XXV	" 1	E. Hale	L. & A. Wright	Apr. 10, 1964	5	10	103	12	"	In	Clay 5; white limestone 103. Water at 80.
Con XXV	" 10	C. Lancaster	D. Wright & Sons	June 27, 1964	5	5	30	30	"	D	Loose limestone 20; solid grey limestone 35; brown limestone 40. Water at 35.
Con XXVI	" 12	W. Pruder	L. & A. Wright	July 18, 1965	5	48	31	9	"	D, S	Soil stones 6; brown rock 31. Water at 20.
Cranberry Island	"	A. Delporte	"	July 18, 1964	5	12	55	6	Sulphur	D	Sand 1; grey limestone 55. Water at 50.
OBH Con II	" 38	Ont. Dept. of Highways	R. & S. Wright	Dec. 7, 1967	6	10	100	5	Fresh	P	Brown sand stones 12; broken limestone 16; grey limestone 33; blue limestone 90; brown limestone 175. Water at 33, 52, 171.
OBS Con I	" 49	W. Commlige	D. Wright	July 21, 1964	5	4	50	13	"	D, S	Dug well 18; brown limestone 117; white limestone 162. Water from 80 to 155.
OTP	"	M. MacMacone	L. & A. Wright	July 13, 1965	5	3	73	3	"	D	Sand 5; clay stones 19; brown rock 73. Water at 36.
OTP North Range	" 3	E. Williamson	D. Wright & Sons	June 17, 1964	5	10	25	8	Sulphur	D	Sand 8; clay stones 30; brown limestone 65; white limestone 73. Water at 68.
OTP South Range	" 1	H. Anderson	A. Wright	July 23, 1966	5	12	25	6	Fresh	D	Sand clay 22; grey limestone rock 48. Water at 45.
OTP	" 1	G. Allinson	"	Aug. 3, 1966	5	6	52	25	"	D	Clay stones 17; brown rock 52. Water at 50.
OTP	" 2	C. Grandy	L. & A. Wright	July 15, 1964	5	10	40	2	"	D	Sand clay 14; grey limestone 60. Water at 50.
Arrian Twp.											
Con I	" 1	L. Mills	"	May 13, 1964	4	20	45	35	"	D, S	Open hole 20; boulders 40; grey stony clay 100; boulders clay 125; sandy clay 150; soft grey clay 170; stony clay 200; sand 220; sand gravelly clay 242; grey rock 244. Water at 242.
Con I	" 6	J. Grant	"	Sep. 29, 1964	4	15	30	20	"	D, S	Brown clay rock 15; clay 70; sand gravel 90; grey sandy clay 160; brown hard rock 175. Water from 160 to 175.
Con I	" 9	R. Palmer	"	Oct. 31, 1964	4	12	44	32	"	D, S	Topsoil 1; brown clay 110; sand gravel 140; harpian boulders 152; cemented gravel sand 165; hard grey limestone 185. Water from 175 to 185.
Con I	" 23	R. Stong	"	Feb. 4, 1964	4	12	60	25	"	D, S	Open hole 24; clay sand 40; cemented gravel 55; hard white limestone 140. Water from 130 to 140.
Con I	" 26	E. McCurdy	"	Nov. 2, 1964	4	20	18	16	"	D, S	Topsoil 3; gravelly clay 20; clay boulders 26; brown rock 72. Water from 50 to 72.

BRUCE COUNTY - cont.											
Arran Twp. - cont.	lot 11	A. Misch	Durham Drilling & Enterprise	Sep. 17, 1966	4	12	44	38	Fresh	D, S	Topsoil 1; hardpan stones 117; cemented gravel 175; coarse sand 182. Water from 160 to 182.
Con II	" 15	G. Monkman	"	May 11, 1967	4	10	72	30	"	D, S	Topsoil 1; hardpan stones 18; sand gravel 40; stony hardpan 145; sand gravel 150; hard grey limestone 268. Water from 250 to 268.
Con II	" 21	E. Tedford	R. & S. Wright	Sep. 3, 1965	5	20	90	36	"	D, S	Brown sand stones 25; brown clay stones 60; grey clay stones 95; soft brown limestone 118; brown limestone 108; grey limestone 123. Water at 115.
Con II	" 32	D. McCurdy	"	Dec. 11, 1964	5	10	65	36	"	D, S	Brown sandy soil 10; grey clay stones 61; grey limestone 100.
Con III	" 12	K. Wagner	Durham Drilling & Enterprise	May 5, 1964	4	30	25	20	"	D, S	Open hole 22; gravelly clay 60; sand gravel 80; sandy clay 100; chunks and 110; gravel 115; sand gravel 128. Water from 115 to 128.
Con III	" 15	E. Horning	"	Nov. 25, 1964	4	10	65	40	"	D, S	Sand 2; hardpan boulders 60; gravel clay 114; brown limestone 173. Water at 173.
Con IV	" 7	G. Middleton	"	Oct. 10, 1964	4	8	67	40	"	D, S	Topsoil 1; clay sand 25; hardpan boulders 60; brown clay grey clay 133; hard white limestone 202; brown rock 224. Water from 210 to 224.
Con IV	" 29	J. Alexander	R. & S. Wright	Oct 30, 1964	5	5	60	16½	"	D, S	Dug well 21; grey clay stones 45; brown sand stone 65; grey clay 70; blue limestone 85; grey limestone 110; brown limestone 130. Water at 85.
Con V	" 15	A. Gallbraith	Durham Drilling & Enterprise	Oct. 3, 1966	4	5	110	50	"	D, S	Topsoil 1; hardpan 55; hardpan boulders 80; sand gravel 140; hard white limestone 263. Water from 230 to 260.
Con V	" 17	F. Smith	"	Oct. 21, 1964	4	15	30	30	"	D, S	Open hole 36; hardpan boulders 85; gravel stones 99; gravel 125. Water from 120 to 125.
Con VI	" 14	G. Vanslughten-horst	"	Apr. 26, 1967	4	10	75	44	"	D, S	Topsoil 1; stony hardpan 22; brown grey hardpan 150; sand gravel 170; sand stones 175; hard grey limestone 276. Water from 260 to 276.
Con VI	" 19	R. Horning	"	Nov. 18, 1964	4	12	40	22	"	D, S	Topsoil 1; hardpan stones 90; sand gravel 105; limestone blue shale 125. Water from 115 to 128.
Con VI	" 28	D. Petrie & W. Mills	R. & S. Wright	July 25, 1964	5	7½	52	12	"	D	Brown sandy clay stones 30; grey clay stones 35; brown limestone 46; grey limestone 64. Water at 46.
Con VI	" 28	E. Trelford	"	Aug. 28, 1964	5	15	20	14½	"	S	Dug well 14; brown sandy clay stones 41½; brown limestone 54; grey limestone 60. Water at 54.
Con VI	" 28	K. McLennan & W. H. Reed	"	Sep. 22, 1964	5	6	35	12	"	D	Brown sandy clay stones 20; grey sand stones 43; brown limestone 50; grey limestone 160. Water at 56.
Con VI	" 29	A. Winters	"	July 16, 1964	5	15	15	7	"	D	Brown clay stones 10; grey clay stones 25; white limestone 35; blue limestone 46; grey limestone 50. Water at 35.
Con VII	" 14	G. Gallbraith	Durham Drilling & Enterprise Ltd.	Sep. 14, 1966	4	12	24	14	"	D, S	Fill 5; hardpan 70; sand 114; hard grey limestone 156. Water from 150 to 156.
Con VII	" 16	E. Strong	"	Aug. 31, 1966	4	15	15	6	"	D	Topsoil 1; hardpan stones 40; gravel sand 117; grey limestone 139. Water from 130 to 139.
Con VII	" 21	J. Pearson	"	Nov. 20, 1965	4	6	65	38	"	D, S	Topsoil 1; hardpan 18; boulders 25; hardpan stones 56; boulders cemented gravel 100; blue shale 125. Water from 118 to 125.
Con VII	" 26	L. Trelford	R. & S. Wright	Aug. 14, 1964	5	15	98	39	"	D, S	Brown clay stones 20; grey clay stones 85; grey sand 108; grey clay stones 114; grey shaly limestone 118; grey limestone 141. Water at 130.
Con VII	" 27	T. Duff	"	Oct. 10, 1964	5	5	135	40	"	D, S	Brown sand stones 75; brown clay 88; blue limestone 100; brown limestone 135; grey limestone 147. Water at 100 and 137.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
BRUCE COUNTY - cont. Arran Twp. - cont.										
Con VII lot 29	D.Clark	H.&S.Wright	June 17, 1964	5	15	30	18	Fresh	D	Brown sandy clay stones 28; grey clay stones 35; brown limestone 36. Water at 45.
Con VII	R.Mills & J.Work	"	Oct. 17, 1964	5	18	21	16	"	D	Brown sandy clay 27; grey limestone 62. Water at 52 and 58.
Con VII	M.Mark	"	Oct. 23, 1964	5	15	20	20	"	D	Dug well 23; grey clay stones 29; grey limestone 63. Water at 60.
Con VII	E.Schultz	E.Schultz	Jan. 14, 1966	4	10	7	6	"	D	Gravelly clay 25; brown limestone 40. Water from 30 to 35.
Con VIII	M.Virtue	H.&S.Wright	June 26, 1964	5	15	40	26	"	D,S	Brown clay stones 40; grey clay stones 57; brown limestone 79. Water at 78.
Con VIII	C.McDonald	D.Wright	Dec. 20, 1967	5	15	90	18	"	D,S	Gravel boulders 40; grey limestone 140; brown limestone 236; light brown limestone 241. Water at 90 and 236.
Con IX	E.VanSigtghorst	Durham Drilling & Enterprises	June 7, 1965	4	8	20	18	"	D,S	Topsoil 2; gravel boulders 50; sand 100; quicksand 140; sandy gravel 170; sandy clay 180; sand 185; grey rock 193. Water from 185 to 192.
Con IX	K.Crawford	"	Oct. 18, 1966	4	5	125	35	"	D,S	Topsoil 1; hardpan stones 28; brown clay 169; hard white limestone. Water from 260 to 284.
Con X	O.Patchell	D.Wright & Sons	July 31, 1964	5	8	45	21	"	D,S	Clay gravel sand boulders 172; bluish white limestone 255. Water from 210 to 248.
Con X	A.Vary	Durham Drilling & Enterprise Ltd.	Sep. 28, 1966	4	12	48	20	"	D,S	Topsoil 1; hardpan stones 40; grey clay 60; gravel 79; hardpan stones 34; sand 38; hardpan stones 98; sand 142; quicksand 184; hardpan stones boulders 192; sand gravel 202; hardpan sand 268; brown soft rock 288; grey hard rock 300. Water at 202.
Con XI	R.Barclay	G.L.Davidson	Jan. 4, 1965	5	7	130	112	"	D,S	Brown soil stones 30; grey sand 60; fine gravel 70; grey sand 103; grey limestone 118. Water at 80 and 112.
Con XII	E.Strang	H.&S. Wright	June 30, 1966	5	10	80	25	"	D,S	Dug well 20; brown sand clay 60; grey sand clay stones 134; grey limestone 151. Water at 145.
Con XIII	J.&J.Morrow	"	Feb. 3, 1964	4	6	80	22½	"	D,S	Brown soil stones 30; brown sand stones 46; white limestone 110; light brown limestone 120; dark brown limestone 130; grey limestone 170; dark brown limestone 200; grey limestone 220; brown limestone 230; grey limestone 140; dark grey limestone 275. Water at 150 and 170.
Indian Land Strip 27	M.Greig	"	Aug. 24, 1965	5	5	268	34	"	D,S	Brown clay stones 45; white limestone 55; brown sand stones 57; white limestone 50; grey limestone 120; brown limestone 172½. Water at 120.
Indian Land Strip 27	P.Wright & I.McCulloch	"	Oct. 24, 1966	5	5	120	28	"	D	Clay gravel large boulders 60; clay 155; sand 215; bluish white limestone 276. Water at 240 and 270.
Indian Land Strip 42	H.&G.Weiss	D.Wright & Sons	Sep. 15, 1964	4	10	145	60	"	D,S	Gravel boulders 175; gravel sand 248; white limestone 288. Water from 248 to 288.
Indian Land Strip 44	Ont.Dept.of Highways	A.Loucks	July 7, 1965	7	20	50	20	"	P	Brown sand 30; grey clay stones sand 80; grey clay 142; grey sand 236; fine gravel grey sand 242; brown bedrock 260. Water at 242 and 250.
Indian Land Strip 44	J.Eby	R.&S. Wright	July 13, 1966	5	14	22	18	"	D,S	Water at 242 and 250.
Saugeen Road East Range A lot 16	Community of Burgoyne	Durham Drilling & Enterprise Ltd.	June 16, 1967	5	20	100	52	Fresh	P	Topsoil 3; sandy clay 85; sand gravel 90; quicksand 120; grey clay 200; sandy clay 240; sand 250; blue shale 280; grey limestone 284. Water from 275 to 284.
Range A	E. Cunningham	"	Jan. 4, 1965	4	10	50	50	"	D,S	Topsoil 3; sand 140; hardpan boulders 232; blue limestone 256. Water at 254.
Range B	G. Meuser	"	June 1, 1967	4	12	55	20	"	D,S	Topsoil 4; sandy clay 30; stoney grey clay 70; grey silty sand 100; soft grey clay 150; stoney grey clay 160; fine sand stones 166; hard grey rock 216. Water from 170 to 216.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
BRUCE COUNTY - cont. Brant Twp. - cont. Durham Road South cont.										
DES Con I lot 48	E.Lobsinger	Water Well Drllg.	July 25, 1966	4	10	23	1	Fresh	P	Pine sand clay 80; gravel 92; brown clay 127; grey limestone 168. Water at 166.
DES Con I " 54	R.Jagolewski	Durham Drllg. & Enterprises Ltd.	Apr. 7, 1966	4	15	18	12	"	D,S	Topsoil 1; clay 20; gravel 25; brown clay 40; sand 148; coarse gravel 15. Water from 148 to 151.
DES Con II " 32	Dr.G.O'Toole	E.A.Keeso	Apr. 22, 1965	4	15	27	27	"	D,S	Yellow clay 15; brown shale 48; brown limestone 73. Water from 70 to 73.
DES Con II " 74	Hanover P.U.C.	International Water Supply	Apr. 4, 1967						T	Topsoil 1; sandy loam 7; soft yellow clay gravel 10; grey clay 69; gravel clay sand 108; soft shale 121; limestone. Dry hole.
DES Con III " 25	C.Strauss	Durham Drllg. & Enterprises Ltd.	Dec. 21, 1965	4	15	25	8	"	D	Fill topsoil 3; hardpan stones 25; clay sand 54; hard brown rock 68. Water from 64 to 68.
DES Con III " 30	A.Birr	E.A.Keeso	Apr. 12, 1965	4	15	12	11	"	D,S	Clay 12; hardpan stones 26; sandy shale 73; blue limestone 79. Water from 77 to 79.
DES Con III " 48	E.Weltz	Water Well Drllg.	Mar. 9, 1964	4	10	Flows	0	"	D,S	Topsoil 3; clay 20; hardpan 80; sand 100; quicksand 125; gravel 139; brown limestone 148. Water at 148.
DES Con III " 60	G.Hundt	E.A.Keeso	July 29, 1965	4	11	40	25	"	D,S	Dry well 5; soft clay 21; blue shale 50; blue limestone 54. Water from 50 to 54.
Bruce Twp.										
Con I lot A	T.Russell	G.L.Davidson	May 11, 1965	4	12	25	3	Fresh	D	Sand gravel 9; brown hard shale 31; brown hard limestone 56. Water at 56.
Con I " C	G.Brown	Durham Drllg. & Enterprises Ltd.	May 24, 1967	4	15	35	30	"	D	Topsoil 1; hardpan stones 25; grey clay 50; brown hardpan 80; grey limestone 122. Water from 110 to 122.
Con I " C	I.Mackenzie	G.L.Davidson	May 18, 1967	4	8	80	71	"	D,S	Topsoil 1; red clay sand 5; red clay 19; blue clay 35; hardpan clay stones gravel 100; brown soft rock 199; brown medium hard rock 144. Water from 139 to 144.
Con I " 1	A.Dent	"	Sep. 29, 1966	4	10	78	76	"	D,S	Clay 4; sand 42; clay 48; gravel sand clay 116; shale soft clay 137; brown medium soft rock 161. Water at 161.
Con I " 15	S.Bradley	"	June 16, 1966	4	10	70	65	"	D,S	Blue clay 170; sand gravel 184; shale 189; brown rock 239. Water at 239.
Con I " 33	C.McClennan	Durham Drllg. & Enterprises Ltd.	Nov. 6, 1964	4	12	58	56	"	D,S	Topsoil 2; brown clay 160; hardpan stones 190; sand gravel 211; brown rock 239. Water at 232 and 236.
Town plot Inverhuron	G.Gullian	"	May 10, 1967	4	12	12	7	"	D	Sand 24; brown shale 28; brown hard limestone 92. Water at 92.
Con II " 19	W.Bonnett	G.L.Davidson	July 20, 1966	4	7	50	30	"	D,S	Topsoil 3; sand 12; blue clay 116; marl sand layers 155; sand gravel 160; hardpan stones 178; white brown soft shale 200; brown grey hard rock 247. Water at 247.
Con II " 23	R.Gilchrist	"	Nov. 20, 1967	4	40	10	Flows	"	D,S	Topsoil 1; red bridging clay 17; blue clay 32; soft marl clay 108; sand gravel streaks 119; hardpan 123; gravel 130; brown medium limestone shale 141. Water at 141.
Con IV " 17	L.Berndt	"	Sep. 18, 1967	4	3	220	27	"	D,S	Topsoil 3; brown clay 14; blue clay 29; sand clay 8; marl clay 197; blue clay 216; hardpan 220; brown grey rock 255; grey rock 305. Water from 252 to 305.
Con IV " 20	R.Hyde	"	Aug. 15, 1966	4	5	69	30	"	D,S	Topsoil 3; blue clay 35; blue marl 159; gravelly hardpan 172; gravel shale 175; buff hard rock 229; grey hard rock 230; blue medium hard rock 232. Water at 232.

BRUCE COUNTY - cont. Bruce Twp. - cont. Con IV	W. Helwig	G.L. Davidson	Nov. 29, 1966	4	10	46	26	Fresh	D, S	Topsoil 1; blue clay 27; marl clay 150; stony hardpan gravel streaks 160; grey hard rock 21; brown medium hard rock 234. Water at 234.
Con IV	J. Kidd	"	May 18, 1965	4	30	40	Flows	"	D, S	Brown clay 16; blue clay 51; brown marl 94; clay stones 111; brown shale 113; grey blue hard rock 127; brown white hard rock 142. Water at 142.
Con V	C. Roppel	"	July 22, 1966	4	22	50	37	"	D, S	Topsoil 1; brown clay 8; blue clay 36; soft sandy clay 102; sand clay stones 111; blue clay 120; marl 189; sand marl gravel 198; hardpan 208; brown grey hard rock 281. Water at 281.
Con V	G. Vance	"	July 4, 1966	4	7	35	21	"	D, S	Topsoil 1; brown clay 14; blue clay 87; stony hardpan 108; gravel 119; hardpan gravel 123; grey hard rock 175; grey white hard rock 266. Water at 144 and 175.
Con VI	E. Frederick	"	Nov. 6, 1965	4	8	70	Flows	"	D	Sand clay 21; gravel 30; hardpan 50; gravel hardpan 63; brown hard limestone 141. Water at 141.
Con VII	M. Goluzd	Durham Drlg. & Enterprises Ltd.	Sep. 7, 1964	4	8	60	50	"	D	Brown clay 131; gravel rock 144; grey limestone 210. Water from 195 to 210.
Con VII	Bruce Twp. Area School Board	A. Loucks	Jan. 24, 1964	5	20	47	21	"	P	Brown clay 34; clay gravel 105; gravel sand 129; clay gravel stones 178; brown limestone 218; grey limestone 232. Water from 200 to 232.
Con VII	M. Hackett	G.L. Davidson	Oct. 3, 1967	4	2 1/2	126	22	"	D, S	Topsoil 1; brown clay 16; blue clay 45; blue clay 58; sandy gravelly hardpan 97; sand 118; hardpan 143; limestone brown medium hard 148; brown loose limestone 151; brown very hard limestone 262. Water at 151 and from 255 to 262.
Con XIII	D. McGillivray	Durham Drlg. & Enterprises Ltd.	July 14, 1964	4	15	50	20	"	D, S	Topsoil 3; soft brown clay 45; sand gravel 49; grey rock 99. Water from 50 to 100.
LR	W. McKean	Water Well Drig.	Jun. 20, 1964	4	8	15	6	"	D	Sand 8; brown limestone 94. Water at 88.
LR	D. Orsam	"	July 3, 1965	4	12	22	18	"	D	Brown soft shale 38; brown hard rock 87. Water at 87.
LR	M. MacKenzie	G.L. Davidson	Nov. 12, 1965	4	12	30	1	"	D	Stony topsoil 3; soft brown shale 33; brown hard limestone 93. Water at 93.
LR	W. Jackson	"	Jun. 14, 1965	4	12	25	12	"	D	Sand 22; sand gravel 30; brown soft shale 41; brown hard rock 96. Water at 96.
LR	A. Bishop	"	Jun. 18, 1965	4	15	25	12	"	D	Sand stones 4; brown rock 102. Water at 102.
LR	E. Emery	"	Oct. 6, 1966	4	15	25	Flows	"	D	Sand gravel stones 8; shale 32; brown soft rock 92. Water at 92.
LR	L. Leutchford	"	May 6, 1965	4	15	30	"	"	D	Sand stones 12; brown hard shale 30; brown hard rock 91. Water at 91.
LR	H. Busse	"	June 5, 1967	4	6	Flows	"	"	D	Topsoil 2; sand stones 7; clay sand stones 12; sand 29; blue clay 38; hardpan sand streaks 52; brown soft shale 54; brown hard shale 56; brown soft rock 57. Water at 57.
LR	R. Dalgleish	"	May 31, 1967	4	12	21	"	"	D	Clay stones 10; sand 34; gravel 42; hardpan 51; gravelly hardpan 53; brown hard rock 114. Water at 114.
LR	University of Toronto	"	May 20, 1964	4	6	50	3 1/2	"	P	Gravel fill 4; sand stones 15; hardpan stones 29; soft clay 66; gravel clay 69; brown grey limestone 123; grey hard limestone 140. Water at 140.
LR	H. Jones	"	May 12, 1965	5	3	120	"	"	D	Sand gravel 3; clay hardpan stones 44; hard brown rock 97; hard grey rock 130; hard white brown rock 190; hard brown rock 217. Water at 50 and 160.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
(Depends to which formations extend below the surface are given in feet)										
BRUCE COUNTY - cont. Cape Croker Indian Reserve.										
Con II lot 7	L.Hill	D.Wright	May 24, 1966	5						Top clay 11:grey shale 30;blue shale 45;red shale 53. Dry note.
Con II " 7	"	"	May 30, 1966	5	< 1/2		10	Fresh	D	Top brown clay 11:grey shale 30;blue shale 45;red shale 46. Water at 32.
Con XXIII " 10	Owen Sound Ledgrock	"	May 25, 1966	5	10	60	12	"	In	Topsoil 31;limestone 10;bluish white limestone 70;brown limestone 84. Water at 75.
Carriack Twp.										
Con A lot 30	J.Kelp & H.Kuntz E. Scall	G.L.Davidson	June 3, 1964	5	15	9	5	Fresh	D	Stony gravel 7;grey hard limestone 32;red soft shale 35; brown hard limestone 87. Water at 87.
Con A " 31	J.Bich	G.L.Davidson	July 1, 1964	4	15	8	4 1/2	"	D	Gravelly clay 19;hard brown shale streaks hard white limestone 70;hard brown limestone 104. Water from 100 to 104.
Con B " 35	B.Patterson	"	Sep. 22, 1966	4	12	68	64	"	D	Topsoil 4;hardpan 59;gravel 63;stony hardpan 115;brown limestone 174;grey limestone 182. Water at 182.
Con C " 6	M.Harnack	Durham Drlg. & Enterprises Ltd.	June 7, 1965	4	30	35	5	"	D	Topsoil 2;fill gravel 20;sandy clay stones 34;soft brown shale 40;hard brownish grey rock 57;hard grey soft layers rock 97. Water at 97.
Con C " 11	L.Batte	G.L.Davidson	Nov. 17, 1967	4	15	54	48	"	D,S	Topsoil 3;sandy clay 20;grey sandy clay 60;hardpan clay 80; hard brown clay 96;shale 120;hard brown rock 136. Water from 110 to 136.
Con C " 20	A.&P.Hubachek	G.L.Davidson	July 21, 1965	4	12	25	15	"	D,S	Clay 12;sand gravel 20;hardpan 37;merl 55;brown soft shale 70;brown soft rock 105. Water at 105.
Con D " 16	G.Schaefer	"	Aug. 15, 1964	4	15	12	8	"	D	Coarse yellow gravel 32;hard brown shale 40;hard blue brown limestone 98. Water from 90 to 98.
Con D " 24	A.Fischer	"	Oct. 22, 1966	4	10	44	21	"	D,S	Clay gravel 8;gravel stones 16;hardpan boulders 26;brown shale 37;hard brown limestone 67. Water at 65 and 67.
Con D " 27	Mildray-Centr- Carriack Cent- al School	Water Well Drlg.	Aug. 6, 1964	4	12	41	40	"	D,S	Clay 44;sandy clay 152;sandy gravel 164;blue hard limestone 171. Water at 171.
Con III " 5	G.Nichel	"	Nov. 8, 1965	7	55	43	43	"	P	Topsoil 1;sand 110;gravel 121;hard grey limestone 252;blue shale 270;grey limestone 274;brown limestone 296;blue limestone 318. Water at 171, 252 and 312.
Con III " 8	E.Schumacher	"	Sep. 7, 1965	4	10	27	27	"	D,S	Topsoil 1;gravel stones 47;brown limestone 135. Water at 135.
Con III " 33	V.Dickert	"	Nov. 3, 1964	5	8	30	20	"	S	Clay stones 15;gravel hardpan 51;brown limestone 128. Water at 126.
Con V " 1	P.Eaezle	E.Keeso	Aug. 17, 1966	4	16	12	11	"	D,S	Clay stones 24;hardpan boulders 51;brown shale 72;brown limestone 88. Water from 81 to 88.
Con VI " 26	M.Poerster	Water Well Drlg.	July 23, 1964	4	8	60	60	"	D,S	Topsoil 6;clay gravel 65;hardpan 80;gravel 104;brown limestone 145. Water at 145.
Con VIII " 4	J.Breig	E.Keeso	Oct. 8, 1965	4	15	34	28	"	D,S	Clay stones 19;soft clay 44;hardpan stones 62;brown shale 76; brown limestone 89. Water from 87 to 89.
		"	Apr. 18, 1967	4	12	38	31	"	D,S	Hardpan gravel boulders 37;yellow shale 42;yellow limestone 106. Water at 106.

BRUCE COUNTY - cont.									
Garrick Twp. - cont.									
Con VIII	J. Brels	E. Keeso	Apr. 18, 1967	4	12	38	31	Fresh	D, S
Con IX	O. Meyer	"	June 1, 1967	4	14	30	26	"	D, S
Con IX	J. Hammer	"	July 3, 1967	4	14½	38	14	"	D
Con X	C. Weber	"	Nov. 16, 1965	4	15	29	28	"	D, S
Con X	P. Klages	Durham Drlg. & Enterprises Ltd.	Oct. 28, 1966	4	15	33	16	"	D, S
Con XI	I. Hahn	"	June 15, 1964	4	64	64	62	"	D, S
Con XI	P. Helwig	E. Keeso	Mar. 19, 1964	4	13	65	25	"	D, S
Con XII	Ont. Dept. of Highways	B. & S. Wright	Mar. 28, 1967	6	8	20	3	"	P
Con XIII	B. McCullough	G. L. Davidson	Aug. 4, 1965	4	30	45	Plows	"	D
Con XIII	O. Russwurm	E. Keeso	Sep. 16, 1964	4	15	76	75	Sulphur	D, S
Con XIV	P. Kuntz	"	Jan. 2, 1964	4	14	45	40	Fresh	D, S
Con XIV	A. Oberle	"	Feb. 7, 1964	4	8½	126	121	"	D, S
Con XIV	P. Kroetsch	"	Apr. 16, 1964	4	15	132	121	"	D
Con XIV	L. Spielmacher	"	Nov. 30, 1967	4	12	54	46	"	S
Con XV	B. Poekman	"	May 21, 1965	4	15	23	22	"	D, S
Con XV	H. C. S. S. #4, Garrick	"	Feb. 3, 1964	5	15	124	120	"	P
Calross Twp.									
Con A	C. Kuntz	G. L. Davidson	June 25, 1965	4			Flows	Fresh	D
Con A	W. Shawick	"	Feb. 9, 1966	4	8	90	68	"	D
Con II	T. Hall	Durham Drlg. & Enterprises Ltd.	Jan. 4, 1967	4	10	68	63	"	D, S

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extended below the surface are given in feet)
BRUCE COUNTY - cont. Culross Twp. - cont. Con II lot 31	B.King	G.L.Davidson	Aug.13,1964	4	30	20	Flows	Fresh	D,S	Topsoll 1;sand clay hardpan stones 21;hardpan 24;quicksand 43;sand gravel boulders 81;sand stony hardpan 145;shale 163; brown soft limestone 185. Water at 185.
Con IV " 7	R.Dobson	"	Mar.14,1967	4	5	36	25	"	D,S	Sand gravel 10;loose brown shale 23;soft white loose rock 36;light brown soft limestone 72;red soft shale 77;cream hard limestone 96. Water at 96.
Con VII " 23	E.Gray	E.Keeso	Jun. 3,1966	4	20	38	36	"	S	Gravel stones 28;gray clay 41;sandy gravel 57;yellow shale 67; yellow limestone 100. Water at 100.
Con IX " 17	McDonald Bros.	G.L.Davidson	Sep. 7,1966	4	10	31	15	"	D,S	Topsoll 1;clay 23;sand 34;hardpan stone 40;stony gravel 49; brown rock 91;blue clay 97. Water at 97.
Con X " 31	E.Green	"	Nov.18,1966	4	10	52	50	"	D,S	Sand gravel 20;red clay 42;sand gravel 72;loose brown rock 87;brown rock 131. Water at 131.
Con XI " 15	A.Volsin	"	Aug.21,1967	4	12	64	52	"	D,S	Sand 4;gravel hardpan stones 28;clay marl 48;brown soft shale 94;brown medium hard limestone 133. Water from 135 to 139.
Con XII " 3	E.Beninger	"	June19,1964	4	20	63	60	"	D	Dug well 44;hardpan 74;hard brown shale 123;hard brown limestone 126. Water from 123 to 126.
Con XIII " 12	A. Thacker	"	Oct.19,1966	4	10	30	27	"	D,S	Dug well 21;hardpan 60;brown rock 96. Water at 96.
Con XIV " 3	G.Benninger	"	Sep.27,1966	4	6	34	28	"	D,S	Topsoll 1;clay stones gravel 12;broken shale 30;gray medium hard limestone 102;brown medium soft limestone 127. Water at 127.
Con XV " 9	P.Gies	"	Nov.24,1964	4	20	30	25	"	D,S	Topsoll 1;brown clay 6;sand hardpan gravel 25;hardpan stones 59;brown grey shale 64;grey rock 88;brown rock 97. Water at 97.
Con XV " 20	D.Donaldson	"	Feb.14,1964	4	12	20	11	"	D	Dug well 12;sand 48;marl 54;quicksand 82;marl 93;brown shale 104;brown rock 129. Water at 129.
Easton Twp. BRE Con I lot 15	E.Slocum	A.Wright	Aug.17,1966	5	8	30	22	Fresh	D,S	Sand 7:white limestone 50. Water at 49.
BRE Con III " 25	A.Brough	D.Wright	Mar.31,1967	5	10	15	4	"	D	Clay gravel 6;grey limestone 50;blue limestone 84. Water at 50 and 79.
BRE Con III " 25	J.Bowden	"	Apr. 5,1967	5	3	35	3	"	D	Clay gravel 8;grey limestone 54. Water at 49.
BRE Con IV " 35	D.Ischroft	R.&S. Wright	Aug.11,1966	5	8	56	15	"	S	Grey limestone 70;blue shale rock 76. Water from 70 to 76.
BRE Con V " 11	A.Libby	D.Wright	June27,1967	5	7	20	9	"	C	Clay stones 4;bedrock 80;blue shale 85. Water at 40 and 82.
BRE Con V " 18	A.Stewart	R.&S. Wright	Aug. 3,1966	5	5	75	15	"	D,S	Topsoll 4;heavy blue clay sand 17;white limestone 61;dark limestone 1038. Water at 61 and 103.
BRE Con V " 31	F.Oottle	D.Wright & Sons	May 15,1965	5	2	18	18	"	D	Grey limestone 45;blue shale 70;hard black shale 79;red shale 90. Water from 70 to 79.
BRE Con V " 31	E.Szult	"	May 22,1965	5	8	38	28	"	D	Shore gravel 15;grey limestone 58;blue shale 70;hard black shale 80. Water at 75.
BRE Con V " 31	B.Stewart	"	May 27,1965	5	4	70	22	"	D	Shore gravel 18;grey limestone 45;blue shale 60;black shale 70. Water at 55.
BRE Con V " 32	H.Warder	"	June18,1965	5	3	100	18	"	D	Brown limestone 42;blue shale 60;red shale 101. Water at 40 and 70.



BRUCE COUNTY - cont.			D. Wright & Sons			5			11			23			Fresh			D			Shore gravel 8; grey limestone 45; blue shale 75; black shale 80; red shale 105. Water at 60.		
Easter Twp. - cont.			H. Elliott			May 17, 1965			5			10			27			D			Shore gravel 7; brown limestone 35; blue shale 70; hard blue rock 82. Water from 50 to 78.		
Bury Road East cont.			T. Bird			May 19, 1967			5			7			21			D			Shore gravel 4; shale 45; blue shale 60; red shale 70. Water from 45 to 60.		
BRE Con V lot 33			E. Reise			June 22, 1964			5			3			95			D			Shore gravel 24; grey limestone 55; blue shale 102. Water at 75.		
BRE Con V			C. Stevens			July 8, 1967			5			5			45			D			Loose shale rock 3; grey limestone 55; blue shale 60; hard blue rock 79; red shale 84. Water at 60 and 79.		
BRE Con V			K. Graham			July 5, 1967			5			7			12			D			Topsoil 2; bedrock limestone 35; blue shale 45; red shale 56. Water at 50.		
BRE Con VI			V. Tucker			Sep. 22, 1967			5			1			145			D			Loose rock 4; grey limestone 40; blue shale limestone 110; blue clay 18; red shale 145. Water at 110.		
BRE Con VI			K. Gervier			Sep. 28, 1967			5			3			60			D			Clay 3; grey limestone 35; blue shale 65. Water at 50.		
BRE Con VII			B. Reeves			June 9, 1966			5			< 1			120			D			Soil 3; limestone 20; blue shale 42. Water at 30.		
BRE Con VII			C. Embry			July 26, 1965			5			3			5			D			Shale stones 8; grey clay stones 16; blue limestone 35; blue shale 45; red shale 110; grey shale 120. Water from 110 to 120.		
BRE Con VII			E. Auer			July 31, 1964			5			4			75			S			Topsoil clay 24; grey limestone 82½. Water at 60 and 80.		
BRE Con VII			R. & S. Wright			Oct. 26, 1967			5			3			70			D			Gravel stones 13½; rock 15; grey limestone 85. Water from 61 to 85.		
Bury Road West			T. Dawson			Aug. 24, 1966			5			5			10			D			Grey limestone 46. Water from 44 to 45.		
BRW Con I			J. Hardman			Oct. 12, 1966			5			5			105			D			Loose stone 2; grey limestone 94. Water at 30 and 70.		
BRW Con III			R. Liverance			Apr. 28, 1965			5			4			51			D			Fill 5; limestone 86. Water at 80.		
BRW Con III			A. Garrod			July 28, 1964			5			5			60			D			Fill 2; brown limestone 59. Water at 59.		
BRW Con III			W. Myles			Aug. 26, 1964			5			8			59			D			Clay sand 4; grey limestone 63. Water at 50.		
BRW Con III			E. Knopff			July 8, 1966			5			2			49			D			Soil 1; grey limestone 115. Water at 100.		
BRW Con III			A. Brown			June 7, 1967			5			18			43			D			Sand 6; clay 11½; grey limestone 43. Water at 40.		
BRW Con III			E. Hunter &			Oct. 20, 1967			5			7			11			D			Clay sand 14; brown limestone 40. Water at 37.		
BRW Con III			W. Allen			May 14, 1964			5			5			25			D			Topsoil 2; grey limestone 46. Water at 45.		
BRW Con III			T. Priest			May 27, 1964			5			6			100			C			Soil 2; grey limestone 149. Water at 50 and 125.		
BRW Con III			L. Caley &			May 8, 1964			5			8			55			D			Top clay 2; grey limestone 53. Water at 52.		
BRW Con III			W. Busley			Nov. 14, 1964			5			10			30			D			Loose rock 3; brown limestone 45. Water at 42.		
BRW Con III			D. Wright & Sons			Nov. 14, 1964			5			5			80			D			Limestone 80. Water from 70 to 80.		
BRW Con III			E. & S. Wright			July 6, 1965			5			3			55			D			Brown limestone 61. Water at 50.		
BRW Con III			L. & A. Wright			May 19, 1964			5			80			45			D			Grey limestone 98. Water at 90.		
BRW Con III			A. Wright			May 19, 1965			5			6			17			D			White limestone 61. Water from 59 to 61.		
BRW Con III			E. & S. Wright			Oct. 8, 1965			5			10			46			D			Sand clay 2; grey limestone 46. Water at 40.		
BRW Con III			L. & A. Wright			May 11, 1964			5			3			60			D			Topsoil 2; white limestone 35; grey limestone 75. Water at 56 and 75.		
BRW Con III			D. Wright & Sons			Aug. 8, 1964			5			4			25			D			Topsoil 2; grey limestone 56½. Water at 48 and 56.		
BRW Con III			E. & S. Wright			May 26, 1967			5			5			90			D			Dark brown rock 60; white limestone 117. Water at 115.		
BRW Con III			L. & A. Wright			June 24, 1964			5			10			25			D			Topsoil big stones 14; grey limestone 52; blue limestone 60. Water at 60.		
BRW Con III			E. & S. Wright			June 12, 1964			4			7			3			D					
BRW Con IV			J. Tooke			June 1, 1966			4			5			Flows			D					
BRW Con IV			A. Wright			June 28, 1967			5			10			25			D					
BRW Con IV			E. & S. Wright			Sep. 9, 1964			4									D					
BRW Con IV			G. Martin						4														

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depicts to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Eastnor Twp. - cont. Bury Road West cont.										
BMW Con IV lot 38	W.Finch	R.&S. Wright	Sep. 4, 1964	4	4	60	25	Fresh	D	Topsoil stones 3; grey limestone 71. Water at 70.
BMW Con IV	E. Grantham	L.&A. Wright	Mar. 31, 1964	5	12	64	12	"	D	Topsoil loose stones 4; dark rock 64. Water at 60.
BMW Con IV	B. Scott	"	Apr. 23, 1964	5	5	70	12	"	D	Loose stones 3; grey limestone 70. Water at 60.
BMW Con IV	E. Thompson	"	May 15, 1965	5	4	60	6	"	D	Stones 5; limestone 60. Water from 55 to 60.
BMW Con IV	G. Hurley	R.&S. Wright	July 19, 1965	5	10	35	15	"	D	Topsoil stones 2; grey limestone 60. Water at 58.
BMW Con IV	D. Myers	"	July 23, 1965	4	10	25	10	"	D	Limestone 53. Water at 47 and 53.
BMW Con IV	L. Schroeder	W. Wright	Aug. 5, 1967	5	2	75	16	"	D	Loose limestone 18; solid limestone 88. Water at 55 and 85.
BMW Con V	G. McArthur	D. Wright & Sons	Sep. 24, 1965	5	5	25	8	"	D	Grey limestone 62. Water at 58.
BMW Con V	W. Lawrence	"	Sep. 28, 1965	5	10	20	8	"	D	Grey limestone 68. Water at 63.
BMW Con V	B. Harrison	R.&S. Wright	July 20, 1964	4	5	50	15	"	D	Topsoil 1; hard dark limestone 67. Water at 56 and 67.
BMW Con V	G. Cowan	"	July 24, 1964	4	10	15	10	"	D	Topsoil 1; dark hard limestone 42. Water at 40 and 42.
BMW Con V	Ont. Dept. of Lands & Forests	W. Wright	Oct. 10, 1967	5	14	60	1	"	G	Limestone 102. Water from 60 to 95.
BMW Con VI	C. Coveriegn	D. Wright & Sons	Oct. 10, 1966	5	18	12	12	"	D	Loose limestone 20; solid limestone 60. Water at 55.
BMW Con VII	A. Fraser	R.&S. Wright	June 28, 1965	5	12	16	7	"	D	Stones 3; white limestone 28; grey limestone 55. Water at 48.
BMW Con VII	K. Hawthorne	D. Wright & Sons	July 1, 1965	5	5	30	8	"	D	Loose limestone 17; solid grey limestone 55. Water from 40 to 50.
BMW Con VII	L. Barker	L.&A. Wright	July 8, 1965	5	2	62	6	"	D	Brown rock 67. Water at 30.
BMW Con VII	E. Seywood	R.&S. Wright	May 23, 1967	5	4	68	6	"	D	Grey limestone 50; brown limestone 75. Water at 72.
BMW Con VII	M. Forbes	D. Wright & Sons	Apr. 21, 1966	5	5	50	8	"	D	Grey limestone 61. Water from 45 to 57.
BMW Con VII	"	"	Apr. 25, 1966	5	5	50	15	"	D	Loose limestone 12; grey limestone 71. Water from 50 to 65.
BMW Con VI	E. Hibbert	W. Wright	Sep. 19, 1966	5	4	60	10	"	D	Loose grey limestone 26; solid grey limestone 68. Water at 64.
BMW Con VII	E. Seim	D. Wright & Sons	Sep. 28, 1966	5	5	65	5	"	D	Grey limestone 77. Water from 65 to 70.
Parker Island	L. Weinmann	L.&A. Wright	Oct. 2, 1964	5	4	65	12	"	D	Topsoil 2; grey limestone 68. Water at 65.
Parker Island	R. Brown	R.&S. Wright	Dec. 20, 1965	5	10	20	15	"	D	Topsoil 2; white limestone 30. Water at 28.
Parker Island	L. Weinmann	A. Wright	Sep. 26, 1966	5	5	144	5	"	D	Limestone 144. Water from 141 to 144.
Tamarack Island	J. H. Devitt	R.&S. Wright	Nov. 17, 1964	4	14	70	10	"	D	Stones sand 4; grey limestone 30; dark grey limestone 85. Water at 65 and 85.
Elderslie Twp.										
Con II	A. McComble	G. L. Davidson	Aug. 6, 1965	5	10	60	47	"	D	Blue clay 47; sand 92; sand gravel 114. Water at 114.
Con III	L. Stephenson	Pratts Well Drlg.	July 4, 1966	4	5	78	14	"	D	Blue clay 178; sand Gravel 207; grey hard rock 227. Plugged 114.
Con V	W. Reid	A. Loucks	Jan. 7, 1966	4	5	50	10	"	D, S	Blue clay 66; blue limestone 108. Water at 108.
Con VI	P. McCoy	Durham Drlg. & Enterprises Ltd.	Aug. 12, 1966	4	10	45	35	"	D, S	Gravel 20; clay fine Gravel 165; coarse gravel 175. Water from 170 to 175.
										Topsoil 1; brown clay stones 105; brown sand 130; blue shale 146; brown rock 158. Water from 150 to 158.

BRUCE COUNTY - cont.									
Elderslie Twp. - cont.									
Con XI	lot 10	M. Dailey							
Con XI	" 11	C. McCallum							
Con XIII	" 12	K. Parrow							
Con XIII	" 18	R. Slumskle							
Con XIII	" 28	H. Powell							
Con XIII	" 30	L. Osborne							
Con XIV	" 25	F. Holdingsa							
Saugeen Road East									
Range A	lot 24	J. Bryce							
Range A	" 26	M. Metzinger							
Range B	" 35	H. Grant							
Greenock Twp.									
Con A	lot 10	A. Spitzig							
Con A	" 11	L. Kelly							
Con A	" 23	Cargill Cath- olic Church							
Con II	" 20	M. MacDonald							
Con V	" 8	C. Spitzig							
Con VI	" 6	H. Walters							
Con VI	" 6	R. C. Central Separate Sch- ool							
Con VI	" 6	C. Diebold							
Con VII	" 15	M. Valad							
Con IX	" 11	W. Schmidt							
Con IX	" 15	A. Cameron							
Con XI	" 4	E. Bester							
		Durham Drig. & Enterprises Ltd.	Jan. 15, 1965	4	10	22	22	Fresh	D, S
		"	Jan. 11, 1965	4	10	25	25	"	D, S
		A. Loucks	Oct. 23, 1967	5	5	70	40	"	D
		G. L. Davidson	Sep. 21, 1967	4	10	12	10	"	D, S
		Durham Drig. & Enterprises Ltd.	July 26, 1966	4	4	70	20	"	D
		"	Nov. 13, 1965	4	15	40	20	"	D
		"	Nov. 11, 1964	4	12	40	30	"	D, S
		G. L. Davidson	Aug. 10, 1965	5	10	78	76	Fresh	D, S
		"	Oct. 10, 1967	5	5	130	90	"	D, S
		Durham Drilling & Enterprises Ltd.	Dec. 22, 1964	4	10	50	50	"	D, S
			May 16, 1964	4	15	40	37	Fresh	D, S
		G. L. Davidson	Aug. 18, 1964	4	10	58	48	"	D, S
		"	Feb. 28, 1964	4	12	49	31	"	P
		"	Sep. 14, 1966	4	15	21	16	"	D, S
		Durham Drig. & Enterprises Ltd.	Sep. 26, 1967	4	15	34	30	"	D, S
		"	May 19, 1964	4	20	35	23	"	D
		G. L. Davidson	Oct. 13, 1965	5	30	55	34	"	P
		E. Keeso	Mar. 31, 1966	4	14	32	28	"	D
		Durham Drig. & Enterprise Ltd.	Sep. 7, 1966	4	8	35	24	"	D, S
		G. L. Davidson	Oct. 18, 1966	4	12	45	35	"	D, S
		"	Dec. 7, 1966	4	10	24	20	"	D, S
		"	Aug. 31, 1966	4	15	19	16	"	D, S

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LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
BRUCE COUNTY - cont. Greenock Twp.-cont.										
Con XI lot 15	A. Cameron	Durham Drlg. & Enterprises Ltd. G.L. Davidson	June 30, 1967	4	20	30	27	Fresh	D, S	Topsoil 3; sandy clay 20; soft grey clay 100; gravelly clay 110; sand gravel 135; brown rock 145. Water at 140 and 145.
Con XII "	C. Elphick	"	Aug. 12, 1967	4	9	37	20	"	D, S	Sand gravel 16; hardpan 22; sand 32; gravel 58; hardpan 78; limestone grey-brown hard. Water at 125.
Con XIII "	B. Cram	R. Gadke	May 26, 1967	5	15	10	Flows	"	D, S	Hardpan boulders 29; brown limestone 61. Water from 59 to 61.
Con XIII "	B. Sawyer	G.L. Davidson	Aug. 3, 1967	4	12	38	12	"	D, S	Sand gravel 16; sand 34; sand gravel 55; shale 63; brown hard limestone 120. Water at 120.
Con XIII "	C. McKinnon	"	July 8, 1966	4	15	30	29	"	D	Red sandy clay 16; blue clay 38; marl clay 140; stony hardpan clay sand 200; brown white rock 232. Water at 232.
Con XV "	G. Wilson	K. Mighton	May 7, 1964	4	15	15	12	"	D, S	Topsoil 2; gravel 20; clay 35; sand 50; clay 55; sand 59; brown hard grey rock 80. Water at 71.
Con XV "	S. Sawyer	Durham Drlg. & Enterprises Ltd. G.L. Davidson	June 26, 1967	4	20	15	2	"	D, S	Topsoil 3; grey clay 40; sand stone 75; brown rock 83. Water from 75 to 82.
Con XIX "	M. Young	"	Nov. 15, 1966	4	10	35	32	"	S	Fill 2; clay 18; sand 81; sandy hardpan 97; grey brown hard rock 142. Water at 142.
DRS Con I "	P. Paradis	E. Keeso	Sep. 28, 1964	4	15	22	16	"	D	Soft clay boulders 42; hardpan gravel 64; hard brown limestone streaks 121. Water at 115 and 121.
DRS Con I "	A. Brown	G.L. Davidson	Jan. 13, 1965	4	10	50	43	"	D, S	Sand gravel 51; gravel stones 69; clay hardpan shale 104; soft brown rock 157. Water at 157.
Hepworth Village										
Hepworth Village	Hepworth F.O.	D. Wright & Sons	Apr. 11, 1964	5	10	40	32	Fresh	P	Sand 14; brown limestone 92. Water from 60 to 88.
	L. Smith	"	Oct. 15, 1964	5	10	50	35	"	D	Sand gravel 18; brown limestone 81. Water from 70 to 80.
	D. Kreutzmieser	"	Oct. 23, 1964	5	10	70	30	"	D	Sand gravel 20; limestone 92. Water from 80 to 90.
	B. Westlake	"	Jan. 5, 1965	5	5	35	35	"	D	Clay gravel sand 22; brown limestone 82. Water from 60 to 80.
	Bell Telephone Co.	"	Mar. 1, 1965	5	5	50	35	"	P	Sand Gravel clay 22; brown limestone 85. Water from 65 to 80.
	J. Atcheson	"	Mar. 5, 1965	5	8	35	30	"	D	Sand gravel clay 22; brown limestone 90. Water from 65 to 85.
	L. Rathwell	"	Mar. 20, 1965	5	10	40	30	"	D	Sand gravel 17; brown limestone 80. Water from 65 to 75.
	T. McIness	"	June 24, 1965	5	5	40	35	"	D	Sand 12; brown limestone 78. Water at 73.
	E. Doubt	"	July 10, 1965	5	10	60	50	"	D	Sand 22; limestone 90. Water from 65 to 85.
	J. Kocker	"	Dec. 27, 1966	5	12	45	33	"	D	Sand 33; limestone 100. Water from 90 to 95.
	W. Sinclair	W. Wright	Jan. 26, 1967	5	10	30	22	"	D	Sand 22; brown limestone 95. Water at 90.
	C. Seigrist	R. & S. Wright	Apr. 29, 1967	5	18	20	15	"	D	Sand 4; grey limestone 75. Water at 63 and 74.
Huron Twp. Lake Range	lot 1	G.L. Davidson	June 22, 1966	5	15	50	3	Fresh	D	Fill sand gravel 6; clay 137; stony hardpan 161; gravelly hardpan 170; loose shale 176; brown medium hard limestone 178; loose soft brown rock 189; brown medium hard limestone 201. Water from 189 to 201.

BRUCE COUNTY - cont.			G.L.Davidson			Oct.31,1966			5			15			75			1			Fresh			D		
Huron Twp. - cont.			L.Rosinke			lot 1			4			6½			40			Flows			"			D		
LR	"	4	P.Gerster	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	5	W.F.Schiel	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	8	P.Gerster	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	9	V.Brown	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	17	P. Smith	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	24	R.Brenner	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	28	G.Emmerton	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	33	G.McLean	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	36	J.Lynd	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	41	Bruce Beach	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	43	Well Fund	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"		J.McIntyre Sec	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"		Treas.North	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"		Bruce Beach	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"		Water Ass.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	50	Bruce Beach	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	50	Well Group	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	51	H.Olleiser	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	60	G.C.Boyer	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
LR	"	60	L.Hutton	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
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\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
BRUCE COUNTY - cont. Huron Twp. - cont. LR										
lot 65	N. MacGregor	G.L. Davidson	Apr. 23, 1965	5	25	30	0	Fresh	D	Sand 2; sand gravel 30; clay stones 78; clay sandy gravel stones 85; clay stones 100; stony hardpan 130; brown hard rock 133; dark brown hard rock 204; dark brown loose rock 209. Water at 209.
" 31	D. Henry	"	Aug. 3, 1967	4	8	87	87	"	D, S	Sand gravel 8; stony hardpan 34; gravel 55; sand 63; coarse gravel 67; hardpan 76; loose brown soft rock 140; brown soft limestone 175. Water at 175.
" 67	B. McMain	"	May 20, 1966	4	10	79	74	"	D, S	Topsoil 1; clay marl 265; brown shale 272; brown hard soft rock 293. Water at 293.
" 71	E. Culbert	"	June 21, 1967	5	15	275	78	"	D	Topsoil 1; brown clay 17; blue clay 24; sand gravel 244; stony hardpan 279; hardpan 294; medium brown shale 296; brown hard soft limestone 322. Water from 320 to 322.
" 78	W. Ferguson	"	Aug. 5, 1964	4	30	85	73	"	D, S	Topsoil 1; brown clay 7; blue clay 183; stony hardpan 225; shale clay 271; brown soft rock 297. Water at 297.
" 39	C. Humphrey	"	Oct. 20, 1967	6	20	100	73	"	D, S	Topsoil 1; brown clay 14; blue clay 212; hardpan 219; hardpan shale 240; brown medium hard limestone 244; brown soft limestone streaks shale 278. Water at 278.
" 8	H. Scott	"	Oct. 8, 1964	4	7	70	60	"	D, S	Brown clay 5; sandy clay 14; blue clay 37; sand gravel 72; brown shale 123; brown rock 142. Water at 142.
" 15	J. Colling	"	Nov. 24, 1966	4	10	60	56	"	D, S	Topsoil 1; brown clay 6; blue clay 36; hardpan 40; loose shale 64; brown hard rock 143. Water at 143.
" 17	W. Black	"	Nov. 27, 1964	4	10	74	64	"	D, S	Black soil 4; stony clay 12; blue clay 34; stony hardpan 53; brown hard rock 115; brown medium hard rock 142; brown soft caving rock 157. Water at 157.
Con V	O. Smith	"	Dec. 3, 1964	4	10	60	45	"	D, S	Topsoil 1; brown clay 19; blue clay 30; clay sand gravel 98; hardpan 104; brown shale 107; brown hard rock 125; blue brown medium hard rock 142. Water at 142.
Con V	I. Wylds	"	Sep. 13, 1966	5	12	55	54	"	D, S	Clay 6; blue clay 51; hardpan 74; brown soft shale 80; brown soft rock 112. Water at 112.
Con V	F. Mitchell	"	Oct. 14, 1964	4	10	86	85	"	D, S	Topsoil 1; clay 76; shale 84; brown soft rock 142. Water at 142.
Con V	L. Ferguson	"	Oct. 15, 1964	4	10	95	86	"	D, S	Topsoil 1; clay 87; loose brown shale 95; brown soft rock 149. Water at 149.
Con V	Pine River Cheese Factory	"	May 19, 1966	6 1/2	100	120	60	"	C	Blue clay 136; hardpan sand gravel 148; quicksand 158; gravel sand 191; brown soft shale 200; brown soft rock shale seams 253. Water from 240 to 243.
Con VI	J. Gamble	"	Nov. 11, 1966	4	14	50	40	"	D, S	Topsoil 1; sand 7; clay 28; clay stones 39; stony hardpan 90; brown hard rock 107; brown medium soft rock 141. Water at 143.
Con VII	W. Forster	"	Nov. 22, 1966	4	10	35	33	"	D, S	Brown clay 9; blue clay 78; clay stones 54; hardpan 100; brown hard rock 115; brown medium hard rock 157. Water at 157.
Con VII	L. Walden	"	June 11, 1965	4	15	100	87	"	D, S	Topsoil 1; brown clay 30; blue clay stones 137; stony hardpan 191; white brown soft shale 225; brown medium hard rock 250. Water at 250.
Con VIII	D. Henderson	G.L. Davidson	Nov. 3, 1965	4	12	100	92	Fresh	D, S	Brown clay 15; blue clay 184; stony hardpan 210; brown white shale 218; brown soft limestone 242. Water at 242.
Con X	N. Stanley	"	Sep. 8, 1966	4	30	12	43	"	D, S	Topsoil 1; brown clay 8; clay 19; clay stones 70; sand marl 83; gravel 94; broken brown limestone 102. Water at 102.
Con X	W. Lowry	"	June 19, 1967	5	10	64	61	"	D, S	Topsoil 1; clay 14; clay stones 60; coarse gravel stones 128; brown soft shale 131; loose brown soft rock 141; brown soft limestone 149. Water at 149.



BRUCE COUNTY - cont. Huron Twp. - cont. Con XI	lot 21	G. Stanley	G.L. Davidson	Aug. 9, 1966	4	7	74	70	Fresh	D, S	Topsoil 1; brown clay 8; brown clay 55; clay stones 63; stony hardpan 92; brown medium hard limestone 142. Water from 126 to 142.
Con XII	15	W. Osborne	"	May 5, 1967	4	15	64	59	"	D, S	Brown clay 18; blue clay 32; sand gravel 34; clay stones 46; blue clay 68; sand soft clay 90; brown stones clay 98; stony hardpan 103; brown soft rock 130. Water from 127 to 130.
Kincardine Twp. Con A	lot 18	Kincardine Twp Public School Area	G.L. Davidson	Oct. 15, 1965	5	25	175	122	Fresh	P	Brown clay sand 19; blue clay boulders 33; blue soft clay 98; hardpan sand streaks 109; stony hardpan 126; light brown hard limestone 132; dark brown hard limestone 184; blue hard limestone 190; light brown hard limestone 223; light brown medium hard limestone 277. Water at 277.
Con A	25	R. Turner	"	June 9, 1965	4	10	55	51	"	D	clay stones 12; sand marl 26; brown clay 46; sand marl 62; sand 76; sand stones 82; brown soft shale 92; brown very hard rock 124; medium hard brown rock 140. Water at 140.
Con A	25	B. Haney	"	July 5, 1966	4	12	40	33	"	D	Drift sand gravel 6; stony clay 22; stony hardpan 54; sand gravel 57; stony hardpan 87; brown medium hard limestone 130. Water at 130.
Con A	27	H. Phillips	Durham Drlg. & Enterprises Ltd. G.L. Davidson	Aug. 12, 1964	4	20	50	35	"	D	Sand 15; grey clay 48; brown rock 102. Water from 50 to 102.
Con A	27	J. Sinclair	"	Aug. 7, 1965	4	7	67	50	"	D	Sand gravel stones 24; hardpan stones 52; brown soft shale 58; light brown hard rock 128; dark brown medium hard rock 150.
Con A	30	J. Heeg	"	Apr. 28, 1965	4	12	42	32	"	D	Sand 9; gravel sand 12; hardpan 18; sand 26; brown shale 42; brown rock 98. Water at 98.
Con A	49	C. Ackert	"	July 16, 1964	4	7	96	80	"	D, S	Sand gravel stones 62; stony hardpan 92; brown soft shale 122; brown soft rock 176. Water at 176.
Con A	52	O. Robinson	"	Sep. 21, 1966	4	6	65	62	"	D, S	Gravel stones 10; sand 24; clay 34; clay gravel 58; shale 82; brown hard rock 135. Water at 135.
Con A	43	J. Koek	"	May 4, 1964	4	12	20	15	"	D	Sand 11; gravel stones 29; clay gravel 36; light brown soft rock 47; brown soft rock 84; grey soft rock 122; grey hard rock 142. Water at 142.
Con A	50	H. Ackert	"	May 2, 1967	4	12	18	15	"	D	Stony gravel 11; loose brown rock 35; brown soft limestone 109. Water at 109.
Con A	54	J. Delo	"	July 13, 1965	4	12	20	10	"	D	Sand 5; stony hardpan 18; brown soft shale 42; brown hard limestone 111. Water at 111.
Con A	64	R. Lescelles	E. Keeso	May 3, 1965	4	20	22	21	"	D	Stones gravel 7; grey limestone shale 19; grey limestone 86. Water from 83 to 86.
Con A	67	M. Pilby- D. Norton	G.L. Davidson	May 26, 1964	4	10	25	17	"	D	Broken grey limestone 7; hard grey limestone 23; soft brown grey limestone 59; soft brown limestone 84; soft brown grey limestone 102. Water at 102.
Con A	67	P. Bunker	"	Aug. 12, 1965	4	12	20	15	"	D	Gravel stones 2; broken brown shale 33; dark brown medium hard limestone 97. Water at 97.
Con A	68	C. Farley	"	Nov. 19, 1965	4	6	30	18	"	D	Gravel stones 7; brown shale 30; brown hard limestone 91; brown medium hard limestone 107. Water at 107.
Con A	70	C. MacKenzie	"	July 4, 1966	4	7	70	55	"	D, S	Clay 12; gravel 35; sand gravel 41; gravel 46; sand 58; blue clay 78; gravel 86; sand gravel 90; brown soft shale 107; brown medium rock 150. Water at 150.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

WELL NO.	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST GPM	PUMPING DEPTH FEET	STATIC LEVEL FEET	KIND OF WATER	AGE *	LOG AND REMARKS *	
										(Depths to which formations tested below this surface are given in feet)	
SEVEN TOWNSHIP - cont.											
Con A	Edna Mae W. - cont. lot 70	B. Matheson	May 11, 1967	4	20	20	15	Fresh	D	Stones rocks 71; yellow brown rock 85. Water from 80 to 85.	
Con C	" 58 E. Avery	"	Sep. 14, 1965	4	15	68	60	"	D, S	Topsoil 1; brown stony clay 14; blue clay 68; sand gravel 96; gravelly hardpan 112; limestone 243; white brown shale 148; light brown medium hard limestone 207. Water at 201.	
Con V	" 33 C. Manshanden	"	Nov. 18, 1966	4	15	40	37	"	D, S	Topsoil 4; brown clay 14; blue clay 28; soft clay marl sand streaks 91; gravel 96; sandy brownish stones 153; limestone 186; brown white shale 207; broken brown limestone 210. Water at 210.	
Con VII	" 5 D. Green	"	Oct. 13, 1967	4	30	50	49	"	D, S	Topsoil 1; brown clay 18; blue clay 34; sand 44; blue clay 94; between 117; clay 135; sand gravel streaks 130; hardpan 166; brown medium limestone 186. Water at 186.	
Con VII	" 7 L. Husk	"	Dec. 5, 1966	4	10	65	58	"	D, S	Topsoil 1; sandy clay 18; quicksand 31; clay 68; soft sandy gravel 92; sand gravel 98; hardpan 130; brown medium soft rock 174. Water at 174.	
Con VII	" 20 W. Campbell	"	Nov. 4, 1967	4	12	75	70	"	D, S	Clay 12; sand gravel 15; hardpan gravel stones 42; hard sand gravel stones 176; brown clay 180; silty gravel 186; brown soft limestone 216. Water at 216.	
Con X	" 1 C. McKay	"	Aug. 22, 1967	4	23	17	13	"	D, S	Topsoil 3; clay sand 34; clay 48; sand 60; sand gravel 64; stony hardpan 155; brown hard soft limestone 187. Water at 187.	
Con XI	" 2 J. Campbell	"	Aug. 23, 1967	4	13	45	38	"	D, S	Topsoil 2; clay 28; sand 31; clay 34; sand gravel 160; hardpan 143; brown medium hard limestone 185. Water at 185.	
Con XII	" 28 W. Colwell	"	Sep. 16, 1966	4	12	19	18	"	D, S	Brown clay 8; blue clay 23; sand gravel streaks 115; marl sand 136; brown clay 141; hardpan sand 157; brown medium soft rock 217. Water at 217.	
Durham Road South											
DS Con I	" 52 G. King	"	Sep. 19, 1966	4	17	16	8	"	D	Topsoil 2; clay 4; sand 8; clay 36; stony hardpan 62; brown hard rock 68; brown medium soft rock 82. Water at 82.	
DS Con II	" 41 S. Armstrong	"	May 3, 1965	4	5	100	50	"	D	Topsoil 1; sand 6; brown clay 18; blue clay 63; soft blue clay 84; stony hardpan 122; brown shale 125; brown rock 202. Water at 202.	
DS Con II	" 57 A. Blackwell	"	Mar. 12, 1965	4	10	32	21	"	D, S	Brown clay 18; sand gravel 24; blue clay 50; hardpan 110; brown hard rock 172. Water from 160 to 172.	
DS Con III	" 51 A. Collins	"	Aug. 10, 1966	4	20	30	25	"	D, S	Topsoil 2; brown clay 43; marl 62; clay stones 87; soft clay 92; marl sand 109; broken brown limestone 127. Water at 127.	
Kinloss Twp.											
Con I	lot 22	J. DeBoer	July 16, 1964	4	36	20	14	Fresh	D, S	Sandy clay stones 19; gravelly hardpan 23; stony hardpan 53; grey brown shale 80; brownish grey rock 93; brown medium hard rock 127. Water from 115 to 127.	
Con I	" 39 J. Dixon	"	May 30, 1966	4	12	40	20	"	D	Yellow sand 12; sandy gravel stones 40; quicksand 90; sand gravel stones boulders 138; gravel rock 140. Water at 140.	
Con II	" 19 F. McKenzie	"	Jan. 5, 1964	4	12	85	80	"	D, S	Gravel hardpan stones 120; hardpan boulders 158; sand rough stony gravel 184; brown soft rock 210. Water at 210.	

BRUCE COUNTY - cont.									
Kinross Twp. - cont.									
Con III	"	5	A. Lennips	G.L. Davidson	Mar. 17, 1966	4	25	80	19
Con IV	"	5	R. Galchrist	"	Aug. 23, 1966	4	23	37	35
Con IV	"	9	R. MacDougall	"	Sep. 13, 1966	4	15	21	20
Con V	"	30	R. Stewart	"	Aug. 27, 1964	4	10	84	78
Con VI	"	32	B. Sutton	"	Jan. 31, 1964	4	9	85	65
Con X	"	15	D. McInnes	"	Nov. 10, 1966	4	13	40	40
Con XI	"	10	A. Haldenby	"	Nov. 1, 1966	4	12	40	39
Con XI	"	19	I. McFarlan	"	July 31, 1964	4	10	40	34
Con XII	"	3	G. McDonald	"	Jan. 15, 1965	4	30	50	40
Con XII	"	19	A. Richardson	"	July 29, 1964	4	10	45	35
Lindsay Twp.									
Bury Road East									
BRE Con I	lot 8	8	W. Barney	R. & S. Wright	Aug. 10, 1967	5	27	22	18
BRE Con I	"	25	J. White	D. Wright & Sons	June 9, 1964	5	3	90	8
BRE Con I	"	25	A. Lozon	"	June 29, 1966	5	10	35	17
BRE Con II	"	5	M. Hayes	"	June 17, 1967	5	14	20	3
BRE Con III	"	1	R. Akerman	"	July 4, 1966	5	1	54	4
BRE Con IV	"	32	P. Hacette	"	July 3, 1965	5	3	60	6
BRE Con V	"	8	E. Ceasar	R. & S. Wright	Nov. 19, 1965	5	1	96	15
BRE Con VI	"	43	E. Boyle	D. Wright & Sons	Dec. 1, 1966	5	14	5	4
BRE Con IX	"	34	A. Laur	"	July 10, 1965	5	2	65	12
BRE Con IX	"	34	L. Lynoh	"	July 14, 1965	5	2	65	12
BRE Con X	"	37	S. Peate & E. Ledden	R. & S. Wright	May 31, 1967	6	1	57	14
BRE Con XVII	"	48	J. Whitsitt	"	May 27, 1967	5	10	14	14

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 A. Richardson  
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 A. Laur  
 L. Lynoh  
 S. Peate & E. Ledden  
 J. Whitsitt



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Lindsay Twp. - cont. Bury Road West BEW Con I lot 7 BEW Con I lot 24	O.Boos N.Henderson	W.Wright D.Wright & Sons	Aug.12,1967 Aug. 6,1964	5 5	7 5	120 50	50 15	Fresh "	D D	Clay 61limestone 148. Water from 110 to 135. Clay boulders 13;brown limestone 65;grey limestone 93. Water from 60 to 90.
BEW Con I lot 24	E.Letourneau	R.&S. Wright	Nov. 7,1964	4	15	25	10	"	D	Topsoil stones 5;hardpan clay 15;hard stony clay 20;hard grey limestone 50;blue limestone 81½. Water at 80.
BEW Con I lot 24	R.Noble	D.Wright	Oct. 6,1966	5	5	25	12	"	D	Boulders clay 18;brown limestone 72. Water at 65.
BEW Con I lot 24	C.Noble	R.&S. Wright	Sep.14,1965	4	7	40	24	"	D	Topsoil 2;hardpan snail stones 15;grey limestone 85. Water from 65 to 85.
BEW Con II lot 6	C.Smith	D.Wright	July 8,1966	5	2	75	7	"	D	Boulders gravel 11;brown limestone 45;blue limestone 78. Water at 65.
BEW Con II lot 23	T.Seip	"	Nov.11,1966	5	5	16	4	"	D	Grey limestone 78. Water at 65.
BEW Con VIII lot 24	E.Covert	L.&A. Wright	July 8,1964	5	10	55	6	"	D	Loose stones 2;grey limestone 55. Water at 45.
Lions Head Village	V.Wheatly	D.Wright	Apr.11,1967	5	10	9	9	Fresh	D	Shore gravel 17;washed gravel 35. Water from 17 to 35.
Lucknow Village Bob Street lot 425	Village of Lucknow	G.L.Davidson	Apr.13,1967	6	300	28	16	Fresh	P	Sand gravel 22;hardpan stones 58;brown clay sand 90;sand gravel 102;loose shale brown soft rock 146;soft brown rock 156;brown medium hard rock 193. Water at 193.
Bob Street lot 425	"	"	May 4, 1967	8	503	35	15	"	P	Sand gravel 22;hardpan stones 58;brown clay sand 90;sand gravel 102;hardpan stones 136;loose shale brown soft rock 146;brown soft rock 156;medium hard brown rock 193. Water from 156 to 193.
St. Edmunds Twp. Bury Road East and West BEE Con I lot 8 BEE Con I lot 10	Ont.Dept. of Highways	R.&S.Wright	Mar. 7,1967	6	15	30	15	Fresh	P	Dark topsoil 2;white limestone 60;grey limestone 110;brown limestone 145. Water at 110 and 140.
BEE Con I lot 10	"	D.Wright & Sons	Aug.27,1965	6	10	40	23½	"	P	Loose rock 2;shaleky limestone 35;hard brown limestone 98. Water at 60 and 95.
BEE Con IX lot 1	P.Schragmer	L.&A. Wright	July 29,1965	5	6	50	25	"	D	White limestone 56. Water from 50 to 54.
BEE Con I lot 31	J.Bell	D.Wright & Sons	July 23,1965	5	5	75	4	"	D	Loose grey limestone 20. Water from 45 to 90.
BEE Con I lot 49	R.Edmondstone	A.Wright	Nov.26,1966	5	5	145	4	"	D	Clay stone 9;white limestone 100;dark brown rock 145. Water at 142.
BEE Con I lot 50	Tobermory	D.Wright & Sons	Nov.20,1964	5	10	60	12	"	P	Limestone 130. Water from 60 to 125.
BEE Con II lot 29	Botary Park W.Wigs	"	June 9,1967	5	2	65	2	"	D	Brown limestone 18;grey limestone 70. Water at 45 and 65.

BRUCE COUNTY - cont.  
St. Edmund Twp. - cont.  
Bury Road west cont.  
BBW Con II lot 44

\* See end of Appendix C for the meanings of abbreviations and symbols.

## APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
BRUCE COUNTY - cont.										
St. Edmunds Twp.										
Townsite of Tobermory	A. Whipp	A. Wright	Feb. 15, 1967	5	6	104	21	Fresh	D	Grey limestone 104. Water at 65 and 97.
Townsite of Tobermory	G. Jensen	M. Wright	Feb. 21, 1967	5	14	100	36	"	D	Loose limestone 60; solid limestone 130; brown limestone 160. Water at 130 and 155.
Townsite of Tobermory	Community Centre	A. Wright	Apr. 5, 1967	5	6	120	6	"	P	Fill 2; limestone 120. Water from 115 to 120.
Townsite of Tobermory	M. Hopkins	"	July 10, 1967	5	8	70	33	"	D	Limestone 50; brown rock 76. Water at 60.
Townsite of Tobermory	I. Green	D. Wright	Aug. 2, 1967	5				"	N	Grey limestone 55; brown limestone.
Townsite of Tobermory	T. Green	D. Wright	Aug. 10, 1967	5	7	55	30	"	D	Grey limestone 50. Abandoned.
Townsite of Tobermory	"	"	Aug. 18, 1967	5				"	D	Grey limestone 46; brown limestone 50; mucky brown limestone 93. Water at 85.
Townsite of Tobermory	B. Cleavand	"	Aug. 31, 1967	5	2 1/2	90	42	"	D	Grey limestone 39; brown limestone 150; dark brown limestone 160. Water at 70 and 157.
Townsite of Tobermory	Centennial Park	"	Sep. 13, 1967	5	7	80	40	"	P	Grey limestone 40; white limestone 90; brown limestone 135; white limestone 151. Water at 70 and 145.
Saugeen Indian Reserve	B. Richards	R. & S. Wright	June 18, 1965	5	15	80	12	Sulphur	D	Stones sand 15; grey clay stones 62; brown sand 70; grey clay 128; brown limestone 135; grey limestone 150. Water at 140.
Saugeen Twp.										
Saugeen Road West										
SEW Con A lot 5	S. Howe	G. L. Davidson	Aug. 5, 1966	5	10	125	122	Fresh	D, S	Red blue clay 78; stony blue clay 108; hardpan 113; blue soft marl 128; blue clay 143; hardpan 182; red shale 184; blue shale 194; dark brown rock 199. Water at 199.
SEW Con A " 6	T. Bender	"	Aug. 26, 1966	4	8	140	117	"	D, S	clay 26; gravelly hardpan stones 118; clay 139; hardpan clay 164; hardpan 175; loose shale brown rock 182. Water at 182.
SEW Con A " 10	G. McIntosh	"	Oct. 6, 1967	4	6	130	50	"	D, S	Topsoil 1; sandy clay 19; sand clay hardpan gravel stones 53; hard cemented sand 138; clay stones 160; sand stones 182; sandy hardpan stones 206; brown white limestone 238; brown grey limestone 247. Water from 238 to 247.
SEW Con A " 11	E. Fraser	"	Jan. 20, 1966	4	10	112	103	"	D, S	Topsoil 1; clay hardpan sand & quicksand 128; gravel 131; clay 140; hardpan 163; gravel 164; red shale 176; blue caving rock 174. Water at 174.
SEW Con A " 28	J. Cobean	Durham Drlg. & Enterprises Ltd.	Oct. 14, 1966	4	12	40	20	"	D, S	Topsoil 1; brown clay 190; sand 203; brown shale 280; grey rock 292. Water from 275 to 292.
Con I " 8	R. Ransome	G. L. Davidson	July 25, 1964	4	9	120	114	"	D, S	Blue clay 8; clay sand 36; blue clay 78; sand clay stony hardpan 182; brown soft shale 185; brown hard limestone 227. Water at 227.
Coh III " 19	K. McKinnon	"	Oct. 19, 1967	4	10	72	72	"	S	Blue clay 38; clay gravel 68; sand marl 108; clay 112; marl 144; brown soft shale 148; brown medium hard rock 166. Water at 166.
Con IV " 20	R. Turnbull	Durham Drlg. & Enterprises Ltd.	July 31, 1964	4	10	80	60	"	D, S	Soft clay 85; sandy clay 90; soft grey clay 220; sand 222; shale 228; grey rock 248. Water from 228 to 248.



BRUCE COUNTY - cont.  
Saugeen Twp. - cont.

PUCE COUNTY - cont. Saugeen Twp. - cont. Con V	lot 8	Tri-par Golf	G.L.Davidson	July 8, 1966	6	20	21	10	Fresh	P	Sand gravel stones boulders 12; clay sand 22; sand 54; fine gravel 57. Water at 57. Sand 14; quicksand 18; marl 86; sand gravel quicksand 144; brown shale 152; blue rock 178; red shale 205. Water at 205. Sand gravel 16; sand 64; gravel 66. Water at 66. Till 2; sand 30; gravel 37. Water from 30 to 37. Sand gravel boulders 120; coarse gravel 126. Water from 120 to 126. Sandy gravel 38; sand 58; quicksand 66; marl 160; hardpan sand clay stones 160; gravel 162. Water at 162. Sand 27; quicksand 36; gravel 37. Water at 37. Sand 44; sand gravel 58; quicksand 84; blue clay 92; sand gravel 124; soft blue clay 135; sand gravel 158; brown clay 188; blue shale 194; blue brown rock 200. Water at 200. Sand 28; blue clay 32; marl 48; sand gravel hardpan stones 148; brown clay 184; clay gravel 200; blue soft shale 216. Water at 216. Brown sand 51; sand gravel 25; sandy brown clay 30; bluish brown clay 31. Water from 10 to 25. Gravel 1; quicksand 10; silt 5; sand gravel 47; soft hardpan 55; gravel hardpan streaks 64; hardpan 66; sandy silty gravel 109; hardpan clay 264; brown medium hard rock 315. Water at 315. Sand 20; marl 38; gravel sand silt 58; hardpan 72; red blue soft shale 92. Water at 92. Topsoll 1; sand gravel 34; clay stones 70; clay stones 98; stony hardpan 124; brown medium hard rock 216. Water at 216.
Con V	" 9	V. Baker	"	Nov. 16, 1967	4	15	97	88	"	D, S	"
Con VI	" 8	Tri-par Golf	"	July 14, 1966	6	20	10	4	"	P	"
Con VII	" 9	D. Giddings	"	June 27, 1966	4	10	30	20	"	P	"
Con VI	" 12	Stafford Farms	"	Sep. 14, 1966	5	10	75	50	"	D, S	"
Con VI	" 17	I. Thede	G.L.Davidson	Aug. 15, 1964	5	10	98	82	"	D, S	"
Con VII	" 9	R.J. Bell	"	Aug. 17, 1964	7	13	35	27	"	C	"
Con VIII	" 12	L. Thede	"	Aug. 31, 1965	4	6	98	85	"	D, S	"
Con VIII	" 17	G. Gray	"	Sep. 23, 1965	4	8	70	55	"	D	"
Con XI	" 12	J. Chappell	Hadoo Well Digging Ltd.	June 30, 1965	30	10	13	10	"	D, S	"
Con XIII	" 11	Saugeen Golf Course	G.L.Davidson	Mar. 4, 1966	4	13	90	80	"	P	"
Lake Range	" 19	R. Cramm	"	July 26, 1966	4	12	25	Flows	"	D	"
LR	" 63	H. Emerton	"	Oct. 19, 1965	5	15	50	29	"	D	"
Para Village of		United Dairy & Poultry Co-op	R. & S. Wright	May 17, 1967	6	50	189	47	Fresh	C	"
Walkerton Town of		Canada Packers International Water Supply Ltd.	"	May 11, 1966	12	600	36	Flows	Fresh	In	"

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOGS AND REMARKS* (Depths to which formations extend below the surface are given in feet)	
DUPESIN COUNTY												
Ascent Twp.												
Con I	lot 1	Greenwood Construction	Ladco Drlg. & Exploration Co.	June 10, 1964	6	60	35	20	Fresh	C	Clay sand 28; gravel sand 52; brown rock 50; grey rock 150; blue white rock 260; white rock 265; grey rock 270; blue shale 275. Water at 90 and from 260 to 265.	
Con I	" 1	J. Wernick	"	Nov. 17, 1967	4	5	55	33	"	D	Sandy clay 64; brown limestone 120. Water from 70 to 120.	
Con I	" 10	J. Vanmanen	C. Smith	Feb. 27, 1964	4	12	19	16	"	D	Dug, tiled well 38; hardpan boulders 96; brown limestone 117. Water from 100 to 117.	
Con I	" 16	C. Trinkle	G. Tortington	Jan. 24, 1964	36	10	33	21	"	D, S	Topsoil 3; gravel stone 32; sand gravel 36. Water at 33.	
Con II	" 6	M. Strillve	Water Well Drlg.	Dec. 17, 1964	5	10	60	40	"	D	Dug well 30; sand 70; gravel 80; brown limestone 185. Water at 180.	
Con II	" 14	G. Phillips	Ladco Drlg.	Jan. 8, 1966	4	5	25	14	"	D, S	Clay stones 30; sand clay layers 95; clay 98; limestone 185. Water at 182.	
Con III	" 1	W. Doedyns	Durham Drlg. & Enterprises Ltd.	Aug. 18, 1965	4	15	45	35	"	D, S	Open hole 12; grey clay 70; grey sand 80; sand gravel 90; sand 110; gravel 120. Water from 115 to 120.	
Con III	" 1	J. Bass	Ladco Drilling & Exploration Ltd.	Oct. 26, 1965	4	10	50	45	"	D	Brown clay 15; grey clay stones 153; brown limestone 198. Water at 156.	
Con III	" 1	A. DeVogel	"	Nov. 17, 1966	4	5	35	20	"	D	Clay rocks sand layers 80; fine sand gravel 120; grey clay 129; brown limestone 155. Water from 150 to 155.	
Con III	" 2	W. Bosman	Durham Drlg. & Enterprises Ltd.	Apr. 23, 1965	4	10	45	40	"	D, S	Dug well 50; hardpan 60; sand clay 110; boulders sand 132; brown limestone 140. Water from 135 to 140.	
Con III	" 4	K. McClintock	Lumney Well Drlg.	Nov. 28, 1967	4	11	15	Flows	"	D	Clay 10; gravel 96; limestone 98. Water at 98.	
Con III	" 3	R. Jones	Water Well Drlg.	Jan. 17, 1964	5	8	60	60	"	D, S	Topsoil 2; clay gravel 50; sand boulders 110; gravel boulders 121; brown limestone 141. Water at 140.	
Con III	" 25	P. Reeves	Vanderweert Well Drlg.	Nov. 23, 1967	6 1/2	40	46	20	"	D	Sand 34; blue clay gravel sand 72; limestone 94. Water at 86.	
Con III	" 19	J. Lau	C. Smith	July 2, 1964	4	15	25	18	"	D	Dug well 40; stony clay 75; gravelly clay 80; limestone 98. Water from 90 to 98.	
Con IV	" 1	Twp. Ascent	Ladco Drlg.	Aug. 15, 1964	4	6	70	40	"	P	Clay rocks 90; light grey limestone 135. Water at 95 and 130.	
Con IV	" 2	P. Braxide	G. Tortington	Mar. 11, 1967	36	2	2	5	"	D	Topsoil 2 1/2; white clay sand 12 1/2; clay stone 15. Water at 12.	
Con IV	" 7	M. Beckner	Durham Drlg. & Enterprises	July 29, 1965	4	12	38	24	"	D, S	Topsoil 2; hardpan stones 42; sand gravel 51; hard brown rock 101. Water from 90 to 100.	
Con IV	" 8	J. Richardson	Water Well Drlg.	May 15, 1964	5	8	80	44	"	D	Fill 3; sand boulders 25; hardpan gravel 60; sand 70; clay sand 73; grey limestone 90; brown limestone 153. Water at 148.	
Con IV	" 10	J. Farrer	"	Oct. 7, 1964	4	8	40	28	"	D	Topsoil 2; clay 20; clay sand 60; clay gravel 64; brown limestone 89. Water at 87.	
Con IV	" 10	H. Pretz	Ladco Drlg. & Exploration Ltd.	May 31, 1966	4	5	30	20	"	D	Clay 10; sand gravel 20; sand clay layers stones 57; grey limestone 67; brown limestone 85. Water at 83.	
Con IV	" 11	W. Langtree	Water Well Drlg.	Apr. 27, 1967	5	20	18	16	"	D	Clay 25; hardpan 44; brown limestone 100. Water at 98.	
Con IV	" 20	A. Renault	"	Jan. 8, 1965	4	10	24	23	"	D, S	Gravel stones 50; hardpan 75; loose limestone 88; brown greyish limestone 153. Water at 130.	
Con IV	" 27	B. Besley	"	Oct. 25, 1966	5	15	22	22	"	D, S	Clay stones 12; fine sand clay 94; loose limestone 96; brown limestone 126. Water at 124.	
Con V	" 1	J. Young	Ladco Drlg. & Exploration	Nov. 9, 1964	4	20	20	6	"	D, S	Gravel sand 20; sand 130; grey clay rocks 137; brown limestone 140. Water at 139.	
Con V	" 9	M. Cudney	Water Well Drlg.	Nov. 27, 1964	4	8	45	45	"	D, S	Dug well 28; gravel clay 40; hardpan 71; brown limestone 130. Water at 125.	

\* See end of Appendix C for the meanings of abbreviations and symbols.

## Amaranth Twp. - cont.

[illegible]



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
DUFFERIN COUNTY - cont.										(Depths to which formations extend below the surface are given in feet)
East Garafraxa Twp. - cont.										
Con IX lot 5	A. Roxborough	Ladco Drilg. & Exploration Co.	Aug. 15, 1966	4	10	130	110	Fresh	D, S	Sand clay layers 135; clay boulders 214; light grey limestone 300; light brown limestone 335. Water at 330.
Con IX "	J. McPherson	Graham Well Drilg.	Sep. 29, 1967	4						Topsoil 1; fine sand grey clay 15; grey clay 95; grey clay stones 230. Dry hole.
Con IX "	D. Hazelton	Hadco Well Digging	Sep. 14, 1965							Topsoil brown loam 4; brown clay 6; grey brown clay 19; grey clay boulders 31. Dry hole.
Con IX "	C. McCarty	C. Hill	Apr. 21, 1965	4	10	82	67	Fresh	D, S	Clay 55; sand 75; gravelly clay 132; grey limestone 194. Water at 194.
Con X "	E. Brennerman	Ladco Drilg. & Exploration Co.	Aug. 15, 1965	4	10	65	50	"	D	Sand clay layers 85; grey clay rocks 140; light grey limestone 230. Water at 195 and 285.
Con X "	C. Duncan	Hadco Well Digging Ltd.	Nov. 23, 1966	24	5	58	42	"	D, S	Topsoil 1; brown clay 3; brown sand 14; brown clay 20; sand 22; brown clay 35; sand 38; clay 40; sand gravel 58. Water at 44.
Con X "	G. May	Ladco Drilg. & Exploration Co.	Apr. 11, 1966	4	10	110	85	"	D, S	Sand 140; grey clay rocks 212; light grey limestone 310; brown limestone 340. Water from 320 to 335.
Con X "	Simonin, (Fernside Farm)	"	June 29, 1967	4	10	130	60	"	D, S	Sand 120; clay rocks 184; light grey rock 235; brown rock 345; blue white rock 400. Water at 287 and 385.
Con X "	L. Charters	"	May 15, 1965	4	10	60	55	"	D, S	Clay rocks 20; sand 30; grey clay rocks 172; light grey limestone 225. Water at 218.
Con X "	A. Platt	"	Nov. 1, 1964	4	6	75	65	"	D, S	Brown clay 6; grey clay rocks sand layers 134; brown limestone 180; light grey limestone 232. Water at 225 and 230.
Con XI "	J. Ashdown	Graham Well Drilg.	Dec. 15, 1964	5	10	80	68	"	D, S	Soft stony clay 40; clay sand 120; hard packed sand 160; clay gravel 170; hard packed sand 190; grey rock 240; light grey sand 260. Water at 256.
Con XI "	G. May	Ladco Drilg. & Exploration Co.	June 23, 1967	4	10	115	93	"	D, S	Sand 140; clay rocks 198; grey limestone 208. Water at 204.
Con XI "	G. Thumber	J. Cudney	July 13, 1966	4	9	70	60	"	D	Stony clay 65; sandy clay 85; grey limestone 110; white limestone 180. Water at 180.
Con XII "	L. Gear	"	Sep. 17, 1966	4	6	70	70	"	D	Stony clay 180; grey limestone 250. Water at 250.
Con XII "	D. Bullock	Ladco Drilg. & Exploration Co.	Feb. 24, 1966	4	10	87	87	"	D, S	Clay sand layers 20; sand clay layers 180; clay stones 205; grey limestone 250; brown limestone 300. Water at 190 and 300.
Con XIII "	J. Bayne	"	Nov. 24, 1964	4	10	50	39	"	D, S	Brown clay 22; sand 150; grey clay rocks 173. Water from 290 to 295.
Con XIV "	W. Ingle	"	Mar. 13, 1965	4	6	115	90	"	D, S	Sand 175; grey clay rocks 204; light grey limestone 260. Water from 250 to 257.
Con XIV "	E. Garafraxa School Board	"	Dec. 19, 1964	5	20	90	65	"	P	Sand small clay layers 180; grey clay rocks 235; light brown limestone 290. Water from 280 to 290.
Con XIV "	W. Edwards	G. Tortington	May 31, 1967	36	2	25	25	"	D	Topsoil 3; clay stone 3; clay gravel 35. Water at 33.
Con XIV "	G. Kennedy	C. Hill	Oct. 25, 1965	4	10	60	Flows	"	D	Stony clay 35; gravel 39; grey rock 150. Water at 150.
Con XIV "	R. Adams	Water Well Drilg.	Sep. 16, 1966	5	15	42	42	"	D	Hardpan 52; boulders gravel 108; sand clay mixed 130; grey limestone 132; brown limestone 203. Water at 298.
Con XV "	A. Strebel	Ladco Drilg. & Exploration Co.	Mar. 5, 1966	4	8	90	87	"	D, S	Sand clay layers 120; clay stones 205; grey limestone 250; brown limestone 295. Water at 293.
Con XV "	H. Hillis	"	Dec. 19, 1967	4	10	50	12	"	D, S	Clay rocks 70; sand 90; clay rocks 108; light grey limestone 225. Water from 216 to 220.

\* See end of Appendix C for the meanings of abbreviations and symbols.

DUPPERIN COUNTY - cont.

East Cairnara Twp.-cont. Con XVI	G.Dyer	Feb. 23, 1964	4	10	55	47	Fresh	D, S	Sand clay layers 150; grey clay rocks 214; blue white limestone 285. Water from 265 to 285.
Con XVI	J. Brower	Mar. 23, 1964	6	20	55	55	"	D, S	Hardpan 60; clay 115; hardpan 163; brown limestone 222. Water at 222.
Con XVI	C. Cowan	Feb. 7, 1967	5	15	46	34	"	D, S	Topsoil 4; stones 28; sand gravel 94; hardpan 136; brown crumb-ling limestone 144; brown limestone 212. Water from 210 to 212.
Con XVII	L. Smith	Oct. 5, 1964	4	10	55	50	"	D, S	Brown clay rocks 10; sand 60; grey clay rocks 182; light grey limestone 189. Water at 188.
Con XVII	J. Cornielias	Apr. 9, 1965	4	10	65	60	"	D, S	Clay rocks 35; sand 100; grey clay rocks 193; light grey lime-stone 200. Water at 197.
Con XVII	C. Fergus	Nov. 22, 1966	4	8	80	75	"	D, S	Gravel 25; brown clay 35; sand 75; grey clay boulders 100; fine sand 130; grey clay 198; brown limestone 250. Water at 249.
Con XIX	E. Henry	Dec. 13, 1965	4	7	89	75	"	D, S	Gravel 35; sand 105; grey clay rocks 227; light brown limestone 237. Water at 234.
Con XIX	R. Roberts	Aug. 18, 1967	4	4	43	26	"	D, S	Sand small clay layers 150; clay rocks 186; brown rock 200. Water at 195.
Con XIX	S. Flook	Aug. 27, 1966	4	7	20	18	"	D	Gravel 50; sand 85; clay boulders 143; brown limestone 175. Water at 173.
East Luther Twp. Con II Con IV	P. Wells J. Garrylki	July 9, 1964	4	8	60	35	Fresh	S	Clay large stones 63; grey limestone 98. Water at 97.
Con V	B. Nimmo	Apr. 6, 1966 May 15, 1965	4	5 10 55	10 55	Flows 50	"	D	Gravel stones 18; grey limestone 100. Water from 95 to 100. Sandy clay 20; gumbo sticky clay 30; hard clay 70; stony clay 77; grey limestone 185. Water at 185.
Con V	A. Looby	May 21, 1965	4	7	80	35	"	D	Previously drilled 159; grey limestone 200. Water at 200.
Con VI	W. McMahon	Mar. 25, 1965	4	10	30	18	"	D, S	Old well 17; grey clay rocks 30; sand 35; grey clay rocks 76; grey limestone 170. Water at 80 and 165.
Con VI	Twp. of East Luther	July 20, 1967	4			Flows	"	P	Stones clay layers 17; gravel 22; limestone 150. Water from 140 to 145.
Con VIII	S. Jeannomon	July 30, 1965	4	8	60	23	"	D, S	Topsoil 1; brown clay stones 23; grey clay stones 104; dark limestone 167. Water at 167.
Con IX	J. Tait	Feb. 8, 1965	4	10	12	5	"	D, S	Topsoil 3; hardpan boulders 25; clay 30; hardpan boulders 64; brown limestone 80; reddish grey limestone 87. Water at 86.
Con XI	M. Bruce	May 18, 1964	4	11	40	24	"	D	Clay 30; gravelly clay 40; grey limestone 95. Water at 95.
Con XII	E. Hansen	June 21, 1965	7	8	70	5	"	D, S	Topsoil 1; yellow clay 22; blue clay 62; limestone 92. Water at 80.
Grand Valley Village	R. Woods W. Nurse	May 27, 1964 July 15, 1965	4 4	7 10 60	70 60	24 42	Fresh "	D D	Dug well 25; stony clay 76; grey limestone 145. Water at 145. Clay large stones 77; grey limestone 140. Water at 140.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *	
										(Depths to which formations extend below the surface are given in feet)	
DUFFERIN COUNTY -cont. Grand Valley Village-dont.	M. Kalapaca	J. Cudney	Aug. 20, 1965	4	11	60	35	Fresh	D	Sandy clay 10; stony clay 74; grey limestone 157. Water at 157.	
	A. Mennerly	"	Aug. 2, 1965	4	10	40	14	"	D	Gravelly clay 32; blue limestone 65. Water at 65.	
	M. Stuckey & G. Stuckey	"	July 5, 1965	4	12	35	9	"	D	Gravel large stones 39; grey limestone 75. Water at 75.	
	K. Beam	Ladco Drig. & Exploration Co.	Dec. 14, 1965	4	5	100	50	"	D	Clay stones 48; gravel 60; clay 73; limestone 205. Water at 170 and 202.	
	M. Francis	J. Cudney	Sep. 9, 1965	4	7	60	40	"	D	Dug well 27; gravelly clay 66; hard blue limestone 107. Water at 107.	
	G. Binnie	"	Sep. 25, 1965	4	10	60	42	"	D	Clay large stones 67; hard blue limestone 110. Water at 110.	
	G. V. District High School	"	Aug. 26, 1965	4	7	80	55	"	D	Previously drilled 182; grey limestone 228. Water at 228.	
	C. Churly	Water Well Drig.	Feb. 16, 1966	4	10	25	25	"	D	Sand 20; hardpan boulders 59; grey limestone 90. Water at 88.	
	L. AG. Riley	J. Cudney	June 17, 1966	4	10	22	10	"	D	Gravel 15; hardpan 40; grey limestone 75. Water at 75.	
	L. Menary	"	June 24, 1966	4	10	40	18	"	D	Dug well 25; stony clay 44; blue limestone 88. Water at 85.	
	G. Clayton	"	July 4, 1966	4	11	30	6	"	D	Stony clay 30; hard grey limestone 75. Water at 75.	
	K. Goddard	"	Aug. 4, 1966	4	10	38	32	"	D	Clay large stones 55; grey limestone 100. Water at 100.	
	E. Montgomery	"	Oct. 18, 1966	4	7	40	26	"	D	Stony clay 50; grey limestone 97. Water at 97.	
Melancthon Twp.	B. Corbett	Durham Drig. & Enterprises	Jan. 8, 1965	4	12	50	40	Fresh	D	Open hole 15; sandy clay 35; boulders 37; hard brown rock 65. Water from 37 to 65.	
	B. Corbett & R. Patterson	"	Mar. 12, 1965	5	15	28	15	"	P	Open hole 20; hard brown clay 30; brown sand 38; hard brown rock 57. Water from 45 to 57.	
	C. Redmond	Pratt's Well Drig.	Sep. 22, 1965	4	7	19	11	"	D, S	Clay 10; hardpan clay 28; brown limestone 58; blue shale 60. Water at 60.	
	K. Kirkpatrick	Durham Drig. & Enterprises Ltd.	Sep. 29, 1967	4	15	26	18	"	D	Topsoil 1; stones hardpan 25; sand gravel 35; brown limestone 52. Water from 48 to 52.	
	J. Ross	"	Sep. 7, 1966	4	7	70	65	"	D	Clay rocks 123; grey limestone 130. Water at 127.	
	G. Mackay	Ladco Drig. & Exploration Co.	Sep. 7, 1966	6	40	10	3	"	D	Red clay shale 16; red shale 33. Water at 16.	
	O. Erwin	H. Hammers K. M.ighton	May 15, 1965	4	14	52	42	"	D	Topsoil 1; sandy clay 38; gravel 42; shale 75; coarse sand gravel 76. Water from 75 to 76.	
	L. Hislop	Pratt's Well Drig.	Nov. 8, 1965	4	7	49	47	"	D	Clay 6; gravel 35; brown loose rock 67. Water at 67.	
	K. Rutledge	K. M.ighton & Sons	Sep. 11, 1967	4	6	30	18	"	D, S	Topsoil 1; large stones clay 15; grey shale 22; white limestone brown layers 194. Water at 30, 72, 108, 125, 134.	
	G. Hozell	Durham Drig. & Enterprises Ltd.	Dec. 7, 1965	4	15	18	16	"	D	Topsoil 1; hardpan stones 24; hard brown rock 70. Water from 35 to 70.	
	I. Wiener	W. E. Locker	Feb. 25, 1965	5			Flows	"	D	Brown clay stones 27; light grey limestone 35. Water at 34.	
	A. Clark	Durham Drig. & Enterprises Ltd.	June 14, 1966	4	10	20	6	"	D	Topsoil 1; light brown clay 40; brown hardpan 80; brown limestone 100. Water from 95 to 100.	
	R. Maguire	"	May 8, 1967	4	20	35	29	"	D	Topsoil 1; hardpan stones 25; clay gravel 35; grey rock 73. Water from 68 to 73.	
	C. Saul	"	Oct. 2, 1964	4	15	26	26	"	D	Topsoil 1; sandy clay 30; boulders sand 35; grey rock 46. Water from 40 to 46.	



DUPPERIN COUNTY - cont.									
Melancthon Twp.-cont.									
Con II	E.Madill	Durham Drig. & Enterprises Ltd.	Sep. 30, 1964	4	10	24	20	Fresh	D
Con II	" 14	E.Lighthearst	Nov. 4, 1967	4	6	57	46	"	D
Con II	" 15	J.Yonum	Oct. 28, 1965	4	7	51	48	"	D
Con II	" 8	J.Gallagher	Aug. 2, 1967	4	8	54	47	"	D
Con II	" 15	S.Knappit	July 29, 1967	4	8	48	46	"	D
Con II	" 23	W.Black	Feb. 4, 1965	4	15	30	24	"	D,S
Con III	" 3	R.Little	Aug. 13, 1966	36	2	20	20	"	D
Con III	" 13	A.Heburn	July 11, 1964	4	10	60	55	"	S
Con IV	" 18	M.Jamieson	Aug. 5, 1965	4	12	35	32	"	S
Sydenham Road East	" 224	T.Mearthy	July 26, 1967	4	20	16	15	"	D,S
SRE Con I	" 234	E.Lisanti	Nov. 13, 1964	4	4	60	40	"	D,S
SRE Con II	" 220	A.Kocic	Jan. 11, 1967	4	10	10	Flows	"	D
SRE Con III	" 6	T.McQue	Sep. 1, 1964	4	15	24	26	"	D,S
SRE Con III	" 19	W.South	Sep. 7, 1965	4	15	15	12	"	D,S
SRE Con V	" 14	G.Foulton	June 11, 1965	4	15	12	11	"	S
SRE Con V	" 19	L.Hunking	Sep. 13, 1965	4	15	24	16	"	D,S
SRE Con VI	" 32	D.Patton	July 21, 1967	4	7	60	10	"	D,S
Sydenham Road West	" 245	C.Humphrey	Jan. 2, 1965	4	15	20	10	"	D,S
SEW Con I	" 25	P.Rumack	Aug. 17, 1967	4	40	1	1	"	D
SEW Con I	" 260	B.Weatherill	Sep. 17, 1964	4	10	18	15	"	D
SEW Con I	" 261	T.Beeburn	June 1, 1965	4	20	6	4	"	D
SEW Con I	" 261	B.Churchill	June 17, 1965	4	15	8	5	"	D
SEW Con I	" 286	K.Glagow	Nov. 25, 1966	4	10	22	10	"	D,S
SEW Con I	" 300	T.Wheeler	June 18, 1966	30	2	10	10	"	D
SEW Con IV	" 251	S.Haddon	Aug. 21, 1964	4	20	16	16	"	D,S
SEW Con IV	" 265	P.Litwin	Aug. 26, 1964	4	20	16	12	"	D,S
<p>Open hole 5; hard brown rock 30; soft blue shale 39. Water from 38 to 39.</p> <p>Brown sand 85; grey sand 89; grey gravel 90. Water at 90.</p> <p>Dug well 30; gravel 48; brown loose rock 65; blue shale 67. Water at 67.</p> <p>Gravelly clay 15; sand 18; gravel clay 30; sand clay 37; shale rock gravel 43; limestone 60. Water from 30 to 60.</p> <p>Topsoil 2; gravelly clay 12; gravel 17; gravel clay 32; sand 35; gravel clay 42; brown limestone 60. Water at 46.</p> <p>Topsoil 2; sandy clay 31; brown rock 84. Water from 60 to 84.</p> <p>Clay loam 2; stone clay 15; stone clay shale 28. Water at 14.</p> <p>Gravelly clay 20; clay 40; stony clay 57; shelly limestone clay 65; limestone 87. Water from 75 to 87.</p> <p>Topsoil 2; clay 6; boulders clay 18; sandy clay 22; shale 40; brown rock 53. Water from 50 to 53.</p> <p>Topsoil 3; sand boulders 25; sand gravel 90; grey sand 98; brown rock 102. Water from 100 to 102.</p> <p>Open hole 18; sandy clay 25; hard yellow sand 60; sandy clay 63; hard grey rock 96. Water from 65 to 96.</p> <p>Black loam 10; brown hardpan 20; sand 40; gravel 52. Water at 52.</p> <p>Topsoil 3; sand gravel 24; gravel boulders 30; sand 36; brown rock 51. Water from 36 to 51.</p> <p>Open hole 24; hard brown limestone 51. Water from 48 to 51.</p> <p>Hardpan boulders 23; hard brown limestone 36. Water from 30 to 60.</p> <p>Open hole 20; hard brown rock 45; hard grey rock 77. Water from 30 to 75.</p> <p>Topsoil 3; yellow sand 10; gravel boulders 25; sandy clay 40; yellow sand 45; hard white rock 128. Water from 110 to 128.</p> <p>Open hole 5; sandy clay 10; hard grey rock 43. Water from 30 to 43.</p> <p>Topsoil 1; gravel clay 20; shale 22; grey rock 34. Water from 30 to 34.</p> <p>Clay rock 20; gravel 44; rock 50. Water from 40 to 50.</p> <p>Topsoil 1; hardpan boulders 27; hard brown limestone 36. Water from 30 to 36.</p> <p>Topsoil 1; hardpan boulders 28; hard brown limestone 35. Water at 35.</p> <p>Dug well 20; clay gravel 22; sand stone clay layers 86. Water at 86.</p> <p>Brown clay 22. Water at 10.</p> <p>Gravel boulders 48; hard brown limestone 61. Water from 55 to 60.</p> <p>Topsoil 3; clay boulders 48; grey clay 52; hard grey rock 58. Water from 52 to 58.</p>									

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
DUPPERIN COUNTY - cont. Melancthon Twp. - cont. SEW Con IV lot 294 G.&H. Wenekamp SEW Con VIII " 17 W. Lawson SEW Con IX " 13 W. Kobab SEW Con X " 8 K. Peters		Lunney Well Drlg. Durham Drlg. & Enterprises K. Mughton & Son	June 13, 1967 July 23, 1966 July 2, 1964 Sep. 15, 1966	4 4 4 4	8 10 20 4	21 10 35 23	7 8 15 18	Fresh " " "	S D, S D, S D	Sand 4; grey clay 23; limestone 38. Water at 38. Open hole 8; hardpan stones 42; hard grey rock 81. Water from 75 to 81. Topsoil 3; clay boulders 34; grey rock 76. Water from 70 to 76. Topsoil 1; clay layers shale 11; red shale 24; brown shale layers red shale 48; brown shale 50. Water from 24 to 50.
Mono Township Hurontario Street East										
HSE Con I " 1 W. Rhodes	C. Smith	Mar. 21, 1964	4	3	100	60	"	"	D	Clay stones 25; yellow clay 39; grey limestone 55; red shale 65; blue shale 120. Water from 75 to 120.
HSE Con I " 1 H. Repke	"	June 6, 1964	4	6	81	79	"	"	D	Gravel 21; stony clay 50; limestone 95. Water from 85 to 95.
HSE Con I " 1 R. Boys	Durham Drlg. & Enterprises	July 24, 1965	4	8	75	72	"	"	D	Topsoil 4; yellow sand 44. Water from 90 to 112.
HSE Con I " 1 N. Shanty	"	May 11, 1966	4	10	72	68	"	"	D	Topsoil 1; clay 64; grey limestone 100; red shale 116. Water from 110 to 116.
HSE Con I " 1 A. Gielmanns	Lunney Well Drlg.	July 14, 1966	4	7	66	58	"	"	D	Clay 22; gravel 45; brown limestone 72; shale 86. Water at 72.
HSE Con I " 1 K. McKibbin	Water Well Drlg.	June 29, 1967	4	15	80	68	"	"	D	Clay 22; hardpan 39; brown limestone yellow shale 108. Water at 108 and 134.
HSE Con I " 1 D. Manning	"	July 27, 1967	4	8	68	67	"	"	D	Clay 25; gravel clay rock 47; limestone 83. Water at 83.
HSE Con I " 1 D. Sobbie	Belmont Drlg.	Sep. 31, 1967	5	4	90	78	"	"	D	Yellow clay 17; boulders clay 35; yellow clay stones 54; loose limestone 64; solid limestone 95; blue red shale 118. Water at 118.
HSE Con I " 2 J. Hand	Lunney Well Drlg.	June 30, 1967	4	4	74	73	"	"	S	Grey clay gravel 55; sandstone 86. Water at 86.
HSE Con I " 1 D. Douglas	Ladco Drlg. & Exploration	May 30, 1967	45	2	200	140	"	"	D	Gravel rocks 72; sand 90; clay rocks 144; red shale 300. Water at 190 and 280.
HSE Con I " 11 E. Shimson	Water Well Drlg.	Dec. 12, 1967	4	7	59	42	"	"	D	Gravel 55; quicksand 66; gravel 70. Water at 70.
HSE Con I " 25 P. Pallsworth	Water Well Drlg.	Jan. 9, 1967	5	15	80	70	"	"	D	Sand 52; gravel boulders 107; brown limestone 125; grey limestone 166. Water from 162 to 166.
HSE Con I " 32 Ont. Christian Assembly	Ladco Drlg.	Sep. 20, 1965	5	12	165	140	"	"	P	Clay stones 6; sand 55; grey clay stones 110; sand 120; grey clay stones 145; light grey limestone 205; red shale 250. Water at 180 and 240.
HSE Con III " 1 W. Holmes	Water Well Drlg.	July 20, 1965	5	8	90	80	"	"	D	Gravel boulders 70; gravel sand 120; gravel small stones 160; red shale 192. Water from 185 to 191.
HSE Con III " 1 E. Bauer	"	Sep. 17, 1965	5	8	70	43	"	"	D	Hardpan boulders 108; gravel boulders 145; blue shale 200. Water from 180 to 200.
HSE Con III " 9 E. Lackman	C. Smith	June 18, 1964	4	8	40	25	"	"	D	Stony clay 10; clay 25; fine gravelly clay 92; fine gravel 95. Water from 92 to 95.
HSE Con III " 10 V. Barbeau	Lunney Well Drlg.	Aug. 3, 1967	4	4	60	1	"	"	D	Sand 76; gravel 77. Water at 77.
HSE Con III " 13 A. Wiley	Belmont Drlg. Co.	May 21, 1966	7	5	115	100	"	"	D	Clay stones boulders 35; brown building sand 180; quicksand 230; blue clay 240; fine coarse gravel 251.
HSE Con III " 14 R. Hood	C. Smith	Aug. 11, 1965	4	7	70	45	"	"	D	Clay gravel stones 50; gravelly clay sand layers 70; hard blue shale 85; red shale 95. Water from 80 to 95.

Mono Twp. - cont.  
 Eurontario Street East cont.  
 ESE con III lot 18 | Mono Twp.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING LEVEL TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOGS AND REMARKS* (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont.										
Mono Twp. - cont.										
Huron Ontario Street East cont.										
HSE Con VI lot 5	J. Wilson	B. Hurfman & Son	Dec. 7, 1965	5	20	57	45	Fresh	D	Stony brown clay 55; red shale 80; blue shale 102. Water at 80.
HSE Con VI lot 8	J. Moffat	Ladco Drlg. & Exploration Co.	June 4, 1966	5	3	65	50	"	D,S	Clay rocks 48; blue shale 100. Water at 55.
HSE Con VI lot 8	"	"	July 10, 1967	5	10	48	34	"	D,S	Clay 2; limestone 43; blue shale 90. Water at 32 and 55.
HSE Con VI lot 12	R. Hansen	Bellmont Drlg. Co.	May 5, 1966	7	4	119	80	"	D	Sand gravel 8; brown sand 130; blue quicksand 150; fine coarse gravel 190. Water at 180.
HSE Con VI lot 15	K. Blair	"	Apr. 29, 1966	7	10	100	Flows	"	D	Sand 6; hard yellow clay 10; building sand 30; clay stones 60; quicksand 125; blue clay 147; gravel 157. Water at 147.
HSE Con VI lot 17	S. Anderson	Ladco Drlg.	Apr. 15, 1964	5	5	60	55	"	D,S	Clay rocks 65; coarse sand 84; red shale 85. Water from 80 to 84.
HSE Con VI lot 20	T. Parker & Son	Water Well Drlg.	Sep. 9, 1964	5	3	220	120	"	S	Dug well 73; sand 125; boulders hardpan 190; blue red shale 315 streaks limestone. Water at 315.
HSE Con VI lot 20	"	Belmont Drlg. Co.	Dec. 17, 1967	5	1 1/2	110	110	"	S	Previously drilled 140; hardpan 225; coarse gravel 230; red shale 262. Water at 225.
HSE Con VI lot 22	C. Deniber	C. Smith	May 8, 1964	4	4	210	110	"	D	Clay granite boulders 100; sandy clay stones 195; red shale 240. Water from 210 to 240.
HSE Con VII lot 1	E. Kee	Bellmont Drlg. Co.	Nov. 11, 1965	7	6	150	100	"	D,S	Clay small stones 40; red clay small stones 130; fine sand quicksand 190; fine coarse gravel 200; red shale 217. Water at 217.
HSE Con VII lot 6	P. Newkirk	Ladco Drlg. & Exploration Co.	June 9, 1966	4	4	180	140	"	D	Brown clay 15; sand 60; clay rocks 180; red shale 230. Water at 220.
HSE Con VII lot 6	A. Crabtree	Lunney Well Drlg.	Nov. 11, 1967	6	11	90	20	"	P	Gravel 50; red shale 102. Water at 102.
HSE Con VII lot 6	"	"	Dec. 27, 1967	6	8 1/2	100	20	"	P	Drilled previously 102; red shale 192. Water at 102 and from 170 to 192.
HSE Con VII lot 7	Dr. R. Ross	Peter Spatuck	Nov. 8, 1965	5	6	40	35	"	D,S	Black sandy soil 3; sand clay 72; dirty gravel 88; sand 97.
HSE Con VII lot 8	J. Kerr	"	Sep. 20, 1965	5	20	22	6	"	D	Black sandy loam 3; clay sand 20; red shale 47. Water at 42.
HSE Con VII lot 11	Twin Hearths Ski Area	Water Well Drlg.	May 10, 1966	4	15	100	60	"	P	Blue sand 190; sand fine gravel 192; fine gravel 212. Water from 192 to 212.
HSE Con VII lot 13	E. Aever	M. Mason	June 16, 1965	36	2 1/2		29 1/2	"	D	Topsoil 1; gravel 9; coarse sand clay 19; coarse sand 29; quick sand 37 1/2. Water at 29 1/2.
HSE Con VII lot 16	G. Lavery	Ladco Drilling	June 28, 1965	5	10	35	20	"	D,S	Brown clay sand 18; grey clay rocks 73; coarse sand 83. Water from 73 to 83.
HSE Con VII lot 17	M. Galloway	K. Mighon & Son	June 20, 1965	4	9	67	5	"	D	Dug well 57; sand 85; clay 58; red shale rock 65; brown rock 87. Water from 75 to 87.
HSE Con VII lot 21	S.S.# 21	C. Smith	Mar. 16, 1964	4	4	80	42	"	P	Stony brown clay 45; gravelly brown clay 55; blue clay 71; blue shale 120. Water from 100 to 120.
HSE Con VII lot 21	L. Suzuki	"	Apr. 9, 1964	4	4	120	95	"	D	Clay gravel stones 40; gravelly blue clay 70; blue clay 120; red shale 150. Water from 120 to 150.
HSE Con VII lot 24	P. Doyle	G. Tortington	May 28, 1966	36			18	"	D	Topsoil stone 2; clay stones 23; sand gravel 30. Water at 25.
HSE Con VII lot 25	C. Ward	Apr. 29, 1967	36	2		14	14	"	D	Topsoil 2; clay stone 10; gravel 25. Water at 22.
HSE Con VII lot 27	C. Wallace	Lunney Well Drlg.	Mar. 7, 1967	4	4	144	105	"	S	Sand 85; blue shale 185. Water at 185.
HSE Con VII lot 31	M. Little	K. Mighon & Son	Apr. 26, 1966	4	6 1/2	45	30	"	D,S	Topsoil 1; grey clay large stones 27; red clay 32; red shale 65. Water from 61 to 65.
HSE Con VIII lot 4	C. Gayley	King City Well Drlg. Co. Ltd.	May 12, 1965	7	12	15	10	"	D	Topsoil 1; blue clay 2; blue shale 49. Water at 25.
HSE Con VIII lot 7	W. Wallace	P. Spatuck	Sep. 30, 1965	5	3	70	28	"	D	Sandy soil 7; sand clay 34; red shale 80. Water at 75.

DUPERRIN COUNTY - cont.

Mono Twp. - cont.									
Huron/terrio Street East cont.									
HSE Con VIII	lot 13	Anderson	July 12, 1966	4	9	37	18	D	Sand gravel mixture 52. Water at 52.
HSE Con VIII	lot 14	P. Moore	Mar. 1, 1965	5	11	44	18	D	Topsoil 2; sand stone 20; sand gravel 140. Water at 140.
HSE Con VIII	lot 14	M. Penev	Apr. 28, 1967	36	17	170	17	D	Dug well tiled 18; blue clay gravel stones 450; cemented gravel 475. Water from 450 to 460.
HSE Con VIII	lot 16	J. Storey	Nov. 24, 1965	4	5	170	160	D	Water at 370.
HSE Con VIII	lot 18	V. Dubois	June 26, 1964	5	20	180	120	D, S	Sand 170; hardpan small boulders 300; clay 365; gravel 375. Water at 370.
HSE Con VIII	lot 18	"	Aug. 25, 1964	5	20	180	120	D, S	Previously drilled 375; gravel 380; fine sand 412; coarse gravel 415. Water from 412 to 415.
HSE Con VIII	lot 20	T. Leigh	June 25, 1965	4	8	110	14	D	Sand clay layers 60; clay 65; gravel 67; clay stones 71; sand 110; blue shale 180. Water at 170.
HSE Con VIII	lot 20	M. Whitley	Dec. 20, 1966	7	105	105	40	D	Topsoil 1; yellow clay 27; blue clay 58; blue shale 105. Water at 90.
HSE Con VIII	lot 25	R. Spurr	Aug. 6, 1966	4	6	65	58	D	Sand 180; gravel 182; gravel sand 193. Water at 193.
HSE Con VIII	lot 25	C. Phillips	Feb. 21, 1967	4	4	198	98	D	Sand gravel 75; brown sand 184; fine grey sand 241; blue shale 247; gravel 247. Water at 247.
HSE Con VIII	lot 32	D. Woodley	May 26, 1967	30	2	15	15	D	Brown stony clay 29; shale 30. Water at 15.
Huron/terrio Street West									
HSW Con I	lot 4	P. DeVaal	June 26, 1964	4	8	35	28	D	Brown clay 10; stony clay 28; sandy clay shell rock 32; lime stone 65. Water from 50 to 65.
HSW Con I	lot 4	Heinz Motors	June 20, 1965	5	12	6	6	C	Sand gravel 11; sand clay 35; hard brown limestone 58; blue shale 75. Water at 70.
HSW Con I	lot 4	R. Reid	May 8, 1967	5	6	27	7	D	Topsoil 1; gravelly clay 10; grey clay stones 20; brown limestone 48. Water from 40 to 48.
HSW Con I	lot 4	R. Reed	May 18, 1967	5	6	27	7	D	Topsoil 1; gravelly clay 10; clay stones 20; brown limestone 48. Water from 40 to 48.
HSW Con I	lot 6	Mono-Amaranth Twp. S. Area	May 6, 1966	6	7 1/2	85	32	P	Shale 73; blue shale dolomite 90; dolomite 118. Water at 85 and 115. (silty)
HSW Con I	lot 6	G. Stewart	Aug. 12, 1967	4	5	50	23	D	Clay 15; sand 27; clay gravel layers 63; blue shale 83; dolomite 125. Water at 75 and 120.
HSW Con I	lot 9	J. Whyte	July 5, 1966	7	10	70	50	D, S	Open hole 24; mixed gravel sand 62; clay 79; shale 192.
HSW Con I	lot 10	A. Armstrong	Apr. 12, 1966	5	10	35	32	D, S	Water at 190.
HSW Con I	lot 11	J. Nesbitt	June 30, 1965	4	10	60	55	D, S	Sand 30; hard gravel 35; grey limestone 46; brown limestone 58. Water at 57.
HSW Con I	lot 11	D. McElhinney	July 3, 1965	4	10	18	15	D	Clay 5; fine gravel 15; sand clay layers 55; clay rocks 72; limestone 90. Water at 86.
HSW Con I	lot 11	E. Morgan	Sep. 6, 1965	4	10	40	30	D	Clay rocks 8; limestone 50. Water at 45.
HSW Con I	lot 11	E. Fish	May 13, 1967	4	7	38	32	D	Stony clay 14; limestone 75. Water from 60 to 75.
HSW Con I	lot 15	"	Aug. 28, 1964	4	16	12	6	D	Clay 17; gravel 25; limestone 69. Water at 67.
HSW Con I	lot 16	A. Draffin	Aug. 7, 1964	4	8	48	16	D	Dug well 36; stony clay 55; brown limestone 69. Water from 60 to 69.
HSW Con I	lot 16	P. McKelvie	Aug. 15, 1964	4	7	50	25	D	Stony clay 50; gravelly clay 58; brown limestone 85. Water from 70 to 85.
HSW Con I	lot 19	S. James	July 18, 1967	5	30	17	16	D	Stony clay 70; gravelly clay 78; brown limestone 105; grey limestone 117. Water from 85 to 115.
HSW Con II	lot 3	R. Backing	Aug. 29, 1967	4	5	52	15	D	Sandy clay 44; brown limestone 152; blue shale 158. Water at 13; 52 and 158.
HSW Con II	lot 3	R. Reed (Cont.)	Sep. 2, 1967	5	20	21	16	D	Sand 55; limestone 69. Water at 69.
									Brown sand gravel 20; clay stones 43; shaly limestone 49; solid limestone 63; blue shale 70. Water at 68.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING LEVEL TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
(Depths to which formations stradd below the surface are given in feet)									
DUFFERIN COUNTY - cont. Mono Twp. - cont. Huronario Street West cont.									
HSW Con II " 3	"	"	Sep. 9, 1967	5	20	18	"	D	Brown sand gravel 25; clay stones 40; limestone 65; blue shale 70. Water at 68.
HSW Con II " 4	E. Case	C. Smith	July 17, 1964	4	10	25	"	D	Silty sand 16; sandy clay stones 36; shelly limestone 40; brown white limestone 62. Water from 45 to 60.
HSW Con II " 4	B. Kozlik	"	July 22, 1964	4	6	25	"	D	Silty sand 25; sandy clay stones 36; shelly limestone sandy gravel 40. Water from 35 to 40.
HSW Con II " 4	R. Pines	"	Aug. 30, 1965	4	10	30	"	D	Sandy clay 33; sand clay gravelly 56; shelly limestone gravel 58. Water from 56 to 58.
HSW Con II " 4	W. Peck	"	Dec. 3, 1965	4	10	18	"	D	Sandy clay 40; grey limestone 58. Water from 50 to 58.
HSW Con II " 4	Credit Valley Conservation	G. Torrington	July 25, 1967	36	1 1/2	12	"	P	Topsoil 2; clay stone 18; sand fine stone 22. Water at 18.
HSW Con II " 4	G. Reid	"	Aug. 1, 1967	36	2	12	"	P	Topsoil 2; clay loam 16; sand fine stone 21 1/2. Water at 16.
HSW Con II " 5	"	Ladco Drlg.	Oct. 23, 1967	4	10	66	"	D	Sand 75; clay rocks 107; light grey limestone 120. Water from 117 to 120.
HSW Con II " 7	A. Harrison	"	Aug. 8, 1967	5	4	30	"	D	Clay rocks 17; limestone clay layers 70. Water at 35 and 65.
HSW Con II lot 8	R. Kilby	Lunney Well Drlg.	Sep. 8, 1967	4	12	25	Fresh	D	Clay 9; clay gravel 36; limestone 64. Water at 64.
HSW Con II " 16	Mono Twp. Works Dept.	C. Smith	Sep. 8, 1964	4	7	75	"	D	Clay boulders 23; grey limestone 80; blue red shale 100. Water from 75 to 100.
HSW Con II " 21	P. Thomas	B. Huffman & Sons	Sep. 18, 1965	4	25	14	"	D	Black muck 6; silty sand 4; red silty clay 44. Water at 44.
HSW Con II " 21	"	"	Dec. 30, 1965	4	"	"	"	D	Stony brown clay 26; brown silty sand 36; stony brown clay small boulders 44; limestone 56. Water from 44 to 56.
HSW Con II " 25	J. Baker	Bellmont Drlg. Co	Oct. 29, 1966	5	35	21	"	D	Dug well to sand 28; clay stones 60; blue mud 93; limestone 106. Water at 105.
HSW Con II " 28	J. Di Florio	S. McCauley	Oct. 1, 1966	5	18	20	"	D	Sand gravel 13; limestone 41. Water at 14 and 41.
HSW Con II " 31	Ont. Dept of Highways	Durham Drlg. & Enterprises Ltd.	Feb. 2, 1965	5	20	16	"	P	Topsoil 3; sand stones 35; hardpan boulders 48; dirty gravel 54; brown limestone 70; grey limestone 93; blue shale 98; red shale 102. Water at 85 and 100.
HSW Con III " 7	E. Lisanti	C. Smith	May 6, 1965	4	8	30	"	D	Fine sand 22; sandy clay boulders 40; shelly limestone 60; blue shale 70. Water from 40 to 70.
HSW Con III " 10	P. Smith	Lunney Well Drlg.	May 24, 1967	4	12	23	"	D, S	Clay stone 24; gravel 38; black stone 43. Water at 42.
HSW Con III " 32	Dr. E. Erickson	Durham Drillers	Oct. 22, 1967	4	18	20	"	D, S	Open hole 18; gravel 25; grey clay 40; sandy clay 50; stony clay 70; brown rock 86. Water at 70 and 85.
Mulmur Twp. Huronario Street East									
HSE Con I lot 17	W. McDonald	C. Smith	July 20, 1965	4	5	75	Fresh	D	Sand 20; blue clay gravel stones 185; blue shale 215. Water from 205 to 215.
HSE Con I " 19	G. Doctor	"	June 9, 1965	4	5	70	"	D	Dug well 10; sandy clay 80; blue clay 125; blue clay gravel 128; blue shale 130. Water from 125 to 130.
HSE Con I " 20	J. May	Durham Drlg. & Enterprises	Aug. 13, 1965	5	8	65	"	D	Topsoil 2; clay boulders 20; brown clay 40; soft brown shale 80; hard blue shale 116. Water from 100 to 116.
HSE Con I " 30	C. Johnston	"	Apr. 1, 1965	4	5	100	"	D, S	Topsoil 1; red clay 25; grey clay 40; blue clay 62; grey limestone 85; brown limestone 105; blue limestone 120; brown shale 139. Water at 100, 120 and 135.
HSE Con II " 1	Mulmur Twp. School Board	Bellmont Drlg. Co.	July 30, 1966	7	3	160	"	P	Topsoil 1; clay 6; gravel boulders 50; brown sand 125; yellow clay 135; quicksand 180; sand gravel 194; pea coarse gravel 197; red shale 205. Water at 197.
HSE Con II " 1	"	"	Jan. 1, 1967	7	10	90	"	P	Topsoil 1; clay 6; gravel boulders 50; brown sand 125; yellow clay 135; quicksand 180; sand gravel 194; pea coarse gravel 197; red shale 211. Water at 197.



DUPPERIN COUNTY - cont.

HSE Con II	"	3	W. Iron Ass. Ltd	Mar. 3, 1967	5	10	30	12	"	P	Topsoil 1;sand 20;blue clay gravel 41;blue shale 48. Water at 44.
HSE Con II	"	7	Dr. N. Beaton	Oct. 22, 1965	36	3	19	17	"	D	Topsoil 1;sand clay 4;drift sand 14;clay boulders 16;brown clay pebbles gravel 22. Water at 17.
HSE Con II	"	11	L. Rose	July 23, 1965	4	3	65	30	"	D, S	Open hole 28;hard grey rock 50;hard shale 107. Water from 50 to 100.
HSE Con II	"	20	P. Godbold	May 15, 1964	4	5	70	46	"	D	Stony clay 25;sandy clay gravel stones 88;gravel 90. Water from 88 to 90.
HSE Con II	"	24	D. Pednaud	Aug. 23, 1966	4	4	40	15	"	D	Topsoil 2;red clay 50;blue shale 62. Water at 62.
HSE Con II	"	25	J. Lewis	Aug. 1, 1964	6	18	12	8	"	D	Topsoil 1;gravel 12;brown rock 25;blue shale 30;brown shale 40;brown rock 53. Water from 20 to 53.
HSE Con II	lot 30	W. Ritchie	K. Moughton & Son	June 28, 1965	4	14	55	20	Fresh	D, S	Open hole 32;sand clay 35;gravel 40;red clay 60;brown shale 75;blue limestone 87. Water from 79 to 87.
HSE Con III	"	4	H. Lay	Nov. 20, 1967	4	5	95	85	"	D, S	Large stones hard clay 15;sandy clay 90;gravelly clay 92; sort brown shale 98;red shale 142. Water at 100, 116, 142.
HSE Con III	"	7	M. Hunter	Dec. 3, 1966	30						Brown topsoil sandy 15;loose gravel sand 20;brown sandy soil boulders 40. Dry hole.
HSE Con III	"	7	R. Hunter	Apr. 11, 1967	5	6	270	230	Fresh	D	Sandy grey clay 50;sand 122;silt 173;soft brown clay 322; shale 331. Water at 331.
HSE Con III	"	9	Skopit Con. Ltd.	July 3, 1964	4	10	38	18	"	D	Topsoil 1;sand boulders 21;red sand gravel 45;limestone 48. Water at 48.
HSE Con III	"	9	R. S. Gillman	Dec. 16, 1964	4	2	75	32	"	D, S	Topsoil 1;sand boulders 26;red shale 44;limestone 46;red shale 52;limestone 53;red shale 80. Water from 36 to 80.
HSE Con III	"	16	D. Brown	Apr. 20, 1966	4	5	100	80	"	D	Previous dug well open hole 58;sandy clay 110;hardpan 112; sand 115. Water from 112 to 115.
HSE Con III	"	29	H. Johnston	July 30, 1964	4	12	65	50	"	D, S	Topsoil 2;sand clay 16;fine gravel 30;clay 35;fine gravel sand 50;red clay 60;fine gravel red clay 97;hard blue shale 100. Water from 97 to 100.
HSE Con III	"	30	D. Johnston	Nov. 10, 1965	4	8	90	24	"	D, S	Topsoil 1;gravelly clay 15;hard grey rock 50;firm red shale 184. Water from 36 to 184.
HSE Con IV	"	2	G. Lane	Aug. 9, 1966	5	2	165	120	"	D, S	Clay sand layers 178;red shale 220. Water at 215.
HSE Con IV	"	3	M. Thompson	Apr. 23, 1965	4	8	76	70	"	D, S	Sandy clay 50;gravelly clay stones 80;red shale 120. Water from 95 to 120.
HSE Con IV	"	5	J. Newton	May 30, 1967	4	4 1/2	44	36	"	D, S	Topsoil 1;sandy clay 12;gravelly clay 16;sandy clay 40;dirty gravel 48;sand gravel 58;red shale 90. Water from 58 to 90.
HSE Con IV	"	19	Ont. Dept. of Lands & Forests	May 11, 1964	5						Sandy gravel 18;gravel 21;sand 118;sand gravel 230;clay gravel 400. Dry hole.
HSE Con IV	"	25	Dr. H. Stancer	Dec. 22, 1965	5	12	100	40	Fresh	D	Sand 1;gravel 24;hardpan 58;blue clay hardpan 88;blue shale 101;red shale 111;blue shale 185. Water at 175.
HSE Con V	"	5	J. Wilson	Jan. 21, 1966	4	7 1/2	52	32	"	D, S	Topsoil 1;light sandy clay 32;sort brown shale 35;hard brown reddish shale 84;light blue grey limestone 87. Water from 50 to 87.
HSE Con V	"	8	M. Stephen	Mar. 23, 1967	4	5	125	96	"	D	Sand gravel mixture 133;blue shale 154. Water at 150.
HSE Con V	"	8	J. Sadlier	Dec. 18, 1965	5	2	90	45	"	D	Sand 10;grey clay rocks 45;blue shale 165. Water at 150.
HSE Con V	"	9	J. Craig	July 29, 1967	30	2	20	55	"	D	Red sand 2;stony grey clay 23;stony gravel 65. Water at 60.
HSE Con V	"	12	O. McKee	Nov. 20, 1967	4	12	8	26	"	D, S	Topsoil 1;red clay 20;brown shale 26;hard brown shale 64. Water from 26 to 64.
HSE Con V	"	15	R. Lederer	Nov. 24, 1967	4	3	80	25	"	D, S	Topsoil 2;red clay 8;red shale 12;hard brown shale 96;grey shale 98. Water at 29, 40, 90 and 96.
HSE Con V	"	23	G. Aylesworth	July 3, 1964	4	10	40	25	"	D	Open hole 28;sandy clay 104;sand gravel 147. Water from 145 to 147.
HSE Con V	"	28	C. Noble	Feb. 8, 1965	18	1 1/2		30	"	D, S	Deepened well 30 to 40;quicksand. Water at 30.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont.										
Mulmur Twp. - cont.										
Huronario Street East cont.										
HSE Con VI	4 E.Greer	M.Mason	Sep. 1, 1965		3		18	"	D,S	Topsoil 2;sand clay 17;clay boulders shale 25. Water at 18.
HSE Con VI	6 E.Greer	K.Mighton & Son	Apr. 5, 1967	6	5	30	20	"	D,S	Topsoil 1;sandy clay 20;silty sand 30;sandy clay 41;hardpan 42;fine sand 45;medium sand 48. Water from 42 to 48.
HSE Con VI	lot 7 A.Farquharson	K.Mighton & Son	Mar.21, 1966	4	4 1/2	40	25	Fresh	D,S	Topsoil 1;sand 11;large stones clay 13;sandy clay 50;sand gravel 52;hardpan 53;dirty gravel fine sand 55;hardpan 63;sand gravel 65. Water at 53,55, and from 63 to 65.
HSE Con VI	9 Mulmur Twp. School Board	C.Smith	Feb. 1, 1964	5	6	120	80	"	P	Clay gravel stones 25;sandy clay stony layers 110;sandy brown clay 135;gravelly grey clay 158;gravel blue clay 160. Water from 158 to 160.
HSE Con VI	9 T.Hoare	K.Mighton & Son	Apr.30, 1966	4	1	110	81	"	D,S	Topsoil 1;sand gravel 16;sandy clay 35;hard clay 57;sandy clay 70;coarse sand clay 83;soupy sand 94;sand clay 103;fine sand clay 116. Water from 100 to 116.
HSE Con VI	10 J.Lennox	M.Babuk Well Boring	Jan. 4, 1964	30	1 1/2	46	37	"	D	Sandy brown clay 6;gravel 9;sandy brown clay 24;sandy brown clay boulders 28;brown sand 44;sandy brown clay. Water from 37 to 44.
HSE Con VI	11 Village of Mansfield	K.Mighton & Son	July22, 1965	4	5	100	80	"	P	Topsoil 1;fine gravel large stone 16;ridges clay fine gravel sand 120;fine sand 129. Water at 27, and 120 to 129.
HSE Con VI	12 B.Murphy	M.Babuk	Dec.19, 1964	30	1 1/2		20	"	D	Brown topsoil 12;grey clay 16;grey shale 30. Water at 30.
HSE Con VI	15 E.Anderson	Babuk Well Boring	Jan. 6, 1965	30	1		23	"	D,S	Topsoil 3;brown clay 19;gravel boulders 23;blue clay 33. Water at 23.
HSE Con VI	15 "	K.Mighton & Son	Nov.13, 1965	4	10	115	107	"	D,S	Topsoil 2;white sand 50;sandy gravel 55;soupy sand 60;hardpan 68;sandy gravel 70;hardpan sand 88;sand clay 115;sand dirty gravel 120;clay gravel 122;sand gravel 129. Water from 126 to 129.
HSE Con VI	16 H.Dekker	M.Babuk	Dec.10, 1964	30	2		20	"	D	Brown topsoil 10;grey clay 45;grey sand 46. Water at 46.
HSE Con VI	16 "	"	Dec.15, 1964	30	1		15	"	D	Brown topsoil 4;brown sand gravel 12;grey clay 15;grey sand 17;grey clay 27;grey shale 30. Water at 15.
HSE Con VI	16 H.White	"	June18, 1966	30	3		10	"	D	Brown topsoil 10;grey clay 25;coarse grey sand 26. Water at 26.
HSE Con VI	16 A.Rodwell	"	June20, 1966	30	1		12	"	D	Brown topsoil 3;coarse gravel 8;brown sand 12;grey clay 28;fine gravel sand 31. Water at 31.
HSE Con VI	16 P.Bandler	Roth Well Digging	Sep.22, 1967	30	2		0	"	D	Brown clay stones 4;grey stony clay 20;sand 24. Water at 20.
HSE Con VI	16 D.Savage	"	Sep. 2, 1967	30	2		0	"	D	Brown clay 10;grey stony clay 25;sand 41. Water at 25.
HSE Con VI	16 J.Murray	"	Sep.14, 1967	30	2		8	"	D	Brown stony clay 6;grey clay sand 10;sand 15. Water at 8.
HSE Con VI	16 K.Parrakoph	"	Sep.21, 1967	30	2		7	"	D	Brown stony clay 3;grey clay 9;shale 15. Water at 7.
HSE Con VI	16 G.A.Wright	"	Sep.25, 1967	30	2		0	"	D	Brown stony clay 4;grey stony clay 25;sand 28. Water at 20.
HSE Con VI	16 O.Mitchell	"	Nov. 8, 1967	30	2		24	"	D	Topsoil 1;gravel 3;brown clay 25. Water at 10.
HSE Con VI	19 Ont.Dept. of Lands&Forests	C.Goodberry	May 11, 1964	5				"		Sand 8;gravel 21;sand 218;sand gravel 230;clay gravel 400. Dry hole.
HSE Con VI	24 L.Smith	Babuk Well Boring	Nov.11, 1965	30	1 1/2	47	41	"	D,S	Topsoil 31;brown sandy clay 12;brown sand 40;sand 50. Water at 41.
HSE Con VI	28 R.Lange	"	Oct. 3, 1964		1 1/2	34	26	"	D	Blue sand 26;quicksand 36. Water at 26.
HSE Con VII	28 E.Oar	K.Mighton & Sons	Nov.14, 1966	27	5	50	36	"	D,S	Topsoil 21;stony clay 40;soft grey clay 53;hard grey shale 101. Water from 56 to 101.
HSE Con VII	8 S.Bentley	M.Babuk	Jan.30, 1965	30	50		5	"	D	Brown topsoil 5;coarse gravel 11;coarse brown sand 15. Water at 5.
HSE Con VII	11 A.Armstrong	K.Mighton & Son	Nov.24, 1965	4	9	54	40	"	D,S	Topsoil 11;clay 10;sand 25;grey clay 70;sand gravel 72. Water from 70 to 72.
HSE Con VII	14 J.Anderson	"	Oct.1, 1965	4	5	75	65	"	D,S	Topsoil 1;hard clay 18;soft grey clay 60;sand 70;hardpan 86;sand 89. Water from 86 to 89.

DUFFERIN COUNTY - cont.

Mulmur Twp. - cont.												
Huronario Street East cont.												
HSE Con VII	"	lot 17	Mansfield Snow mobile Resort	K. Moughton & Sons	Oct. 28, 1967	4	20	28	18	Fresh	C	Topsoil 1; sandy clay 12; fine sand 20; hard gritty clay 30; grey clay hardpan ridges 44; sand clay ridges 48; hardpan 49; coarse sand 55. Water at 15, 45 and 49 to 55.
HSE Con VII	"	31	M. Maites	Babuk Well Boring	Mar. 24, 1965	30	40	16	"	"	D, S	Grey clay 17. Shale. Dry hole.
HSE Con VII	"	1	St. Lukes Anglican Church	Booth Well Drlg.	May 3, 1967	30					"	Grey clay 17. Shale. Dry hole.
HSE Con VIII	"	31	The Salvation Army	"	Dec. 14, 1966	30	2	63	"	"	P	Grey clay 17. Shale. Dry hole.
HSE Con I	"	4	Dr. S. Hopkins	Water Well Drlg.	Nov. 10, 1967	7	14	92	90	"	D, S	Brown clay 24; sand 75. Water at 63.
HSW Con I	"	16	G. Parsons	Babuk Well Boring	Oct. 25, 1967	30				"	"	Topsoil 2; hardpan boulders 67; brown grey limestone streaks red shale 90; grey limestone 158; red grey shale 211. Water at 87, 201 to 211.
HSW Con I	"	25	H. Will	Pratt's Well Drlg.	Oct. 18, 1965	4	5	128	118	Fresh	D, S	Topsoil 1; coarse gravel 3; boulders 9; fine sand 18; red clay boulders 47. Dry hole.
HSW Con I	"	26	A. Waite	Lunney Well Drlg.	Sep. 1, 1966	4	5	90	87	"	D	Clay stones 35; shale 56; brown limestone 160. Water at 160.
HSW Con I	"	26	H. Waite	Vanderboom Well Drilling	Dec. 15, 1967	7	15	99	76	"	D	Clay gravel 50; gravel 58; clay gravel 60; clay gravel 101; limestone 104; red blue shale 124; gravel 126; blue red shale 138. Water at 126.
HSW Con II	"	6	G. McCutcheon	M. S. Bellerby	July 25, 1965	5	4 1/2	125	50	"	S	Sand gravel 15; gravel boulders 112; blue red shale 142; limestone 150. Water at 125.
HSW Con II	"	14	N. Cave	G. Tortington	Aug. 20, 1966	30	2	100	15	"	D	Stony clay gravel streaks 60; light brown limestone 135; shale. Water from 100 to 135.
HSW Con II	"	18	G. Court	C. Smith	June 29, 1965	4	5	100	55	"	D	Dark loam 2; clay loam stone 30; gravel stone 35. Water at 15.
HSW Con II	"	19	H. Pearen	K. Moughton	Mar. 2, 1965	4	14	50	18	"	D	Grey clay 20; gravelly blue clay 132; grey shale 148; red shale 188. Water from 165 to 185.
HSW Con II	"	19	Hamilton Capital Holdings	"	Sep. 12, 1967	4	5	60	20	"	D	Topsoil 1; gritty clay 25; sandy clay 50; silt sand 70; hardpan 84; blue shale 87; soft brown rock 116. Water from 95 to 116.
HSW Con II	"	22	H. Will	"	July 15, 1965	4	1	100	55	"	S	Hard stony clay 25; grey clay 70; gravelly clay 105; soft grey clay 135; red shale 151; brown limestone 188. Water at 155, 176 and 188.
HSW Con II	"	26	C. Lloyd	"	July 27, 1964	4	5	45	38	"	D	Dug well 66; hard grey clay 140; grey shale 260. Water from 200 to 260.
HSW Con II	"	26	A. Richardson	"	Sep. 19, 1967	4	6	30	28	"	D	Topsoil 2; clay 6; brown shale 8; white limestone 40; brown rock 60; white limestone 67; brown rock 78. Water from 45 to 78.
HSW Con III	"	6	E. Crampton	Ledco Drlg. & Exploration	June 2, 1967	4	10	115	105	"	D	Topsoil 1; hard stony clay 7; clay ridges brown shale 16; brown limestone 70; white limestone 80. Water at 28, 40, 70 and 80.
HSW Con III	"	7	T. Metz	Durham Drlg. & Enterprises Ltd.	Oct. 5, 1967	4	15	28	26	"	D	Clay rocks 103; blue shale layers dolomite 150. Water at 115 and 145.
HSW Con III	"	17	R. Moran	Bellmont Drlg. Co	Feb. 15, 1966	7	4	137	97	"	D, S	Topsoil 1; boulders clay 26; grey hardpan 69; hard brown rock 78. Water from 70 to 78.
HSW Con III	"	21	Coxling Bros.	Pratt's Well Drlg.	Oct. 2, 1965	4	2	87	55	"	D, S	Building sand gravel 40; clay stones 70; blue mud 90; hardpan 160; gravel 165; clay stones 207; red soft clay 241; red shale 330. Water at 320.
HSW Con III	"	25	G. Ruhl	K. Moughton & Son	Aug. 7, 1964	4	5	55	40	"	D	Sandy clay stones 43; brown limestone 101. Water at 70.
HSW Con III	"	26	J. McMillen	C. Smith	May 23, 1964	4	5	100	48	"	D	Topsoil 1; gravel 10; shale 16; white limestone 60; grey limestone 136; blue stone 143. Water from 100 to 142.
HSW Con III	"	26	C. Copeland	Bellmont Drlg. Co	Nov. 26, 1965	5	10	60	45	"	D	Stony brown clay 20; shelly brown limestone 35; grey hard white limestone 140. Water from 125 to 140.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUPPERIN COUNTY - cont.										
Orangeville, Town of,	Town of Orangeville	International Water Supply Ltd.	Oct. 13, 1964	12	60	150	Flows	Fresh	N	Topsoil 2; yellow clay 27; grey clay boulders gravel 72; brown grey limestone 160; white limestone 198; blue shale. Water at 27.
	"	"	Feb. 18, 1965	12	600	56	5	"	T 4-64	Sandy clay 17; sand gravel 28; broken limestone gravel 45; broken limestone 95; grey limestone 147. Water from 28 to 145.

ELGIN COUNTY

Albion Twp.

Con V	lot 4	Elgin Petrol- eum Corp. Ltd.	Demaray & Nichols	Dec. 1, 1964	9	130	108	93	Fresh		Top sand 5 1/2 blue clay 150; sand 152; hardpan 160; gravel 173; sand 188. Water from 160 to 188.
Con VII	" 16	H. Gartner	Haddock Well Digging Ltd.	Mar. 22, 1967	30	3	28	8	"	D	Topsoil 8; brown sand 11; blue clay 30. Water at 8.
Con VIII	" C	M. DeBruyn	G. Gelbraith	Sep. 17, 1964	4					N	Surface 4; grey clay 30; boulder clay 154; blue clay 178; pink clay 195; hardpan 201; grey clay 226; sludgy gravel 233; gravel 245.
Con IX	" 10	J. Krumm	Haddock Well Digging Ltd.	Mar. 22, 1967	30	4	28	12	Fresh	D	Topsoil 8; brown clay 2; brown sand 10; blue sand 19; gravel 20; blue clay 30. Water at 12 and 19.
Con X	" 6	D. Wylrea	G. Gelbraith	Aug. 30, 1967	34	3	120	42	Sulphur	D	Mixed blue brown clay 160; pink clay 185; blue clay layers sand 214; fine sand 215; pink clay 240; fine gravel 240 1/2; blue clay pebbles 268 1/2; gravel 270. Water at 215, 240 1/2, and 270.
Con XI	" C	E. Mechevech	"	July 12, 1967	4	6	40	33	Fresh	N	Surface sand 7 1/2 blue clay 135; pink clay 165; sandy clay 175; slushy sand 180; gravel sand 188; clay fine sand 196; brown clay 222; soupy sand 224; hardpan 238; blue clay 233. Water at 188.
Con XI	" C	"	"	July 31, 1967	4	8	35	25	"	D	Surface sand 4; mixed clay boulder 123; pink clay 158; quick sand 170; gravel 172 1/2. Water at 172 1/2.
ED Con A	" Y	T. & G. Tait	R. Dolphin & Earl	Dec. 21, 1965	4	6	70	40	"	D, S	Sand 8; blue clay 18; hardpan 194; sand gravel 200. Water at 194 and 200.
ED Con B	" 19	J. Carmichael	"	Nov. 4, 1965	4	10	61	30	"	D, S	Sand 7 1/2 blue clay 67; sand gravel 71. Water from 67 to 70.
ED Con C	" 22	H. Hallstone	"	Nov. 17, 1964	4						Yellow clay 15; blue clay 133; hardpan 157; rock 189. Dry hole.
WD Con EF	" 14	B. Haven	"	July 17, 1965	7	12	80	3	"	D	Sand gravel 20; blue clay 90; hardpan 107; gravel 117. Water at 117.
WD Con EF	" 15	"	"	July 12, 1965							Sand 18; blue clay 111; hardpan 148; soft rock 156; hard top rock 155. Water at 149 and 165. Dry hole.
WD Con I	" 3	A. Long	R. & V. Lather	Nov. 2, 1964	4	1	110	80	"		Sand 10; grey clay 91; grey clay pebbles 100; fine sand 115; grey clay pebbles 150. Dry hole.
WD Con II	" 3	"	"	May 14, 1965	4						Sand 12; grey clay 108; fine sand 110; hardpan 167. Dry hole.
WD Con III	" 9	W. Newport	W. Newport & Sons	Oct. 21, 1967	7	13	60	40	"	S	Clay 90; hardpan clay pebbles 130; gravel 136. Water from 133 to 136.
WD Con III	" 3	N. McPhail	S. Earl	June 10, 1964	4 1/2	6	115	98	Salty	N	Gravel 10; clay 80; sand clay 200; hardpan 161; gravel 265. Water at 265.
WD Con III	" 3	"	G. Evans	Dec. 1, 1964	1 1/2	18		10	Fresh	D, S	Stony; sand 10; gravel 12; clay. Water from 10 to 12.
Bayham Twp.	lot 4	Erie View Sub- Division	W. E. Locker	Oct. 16, 1965	5						Yellow beach sand 2; fine coarse gravel 3; blue clay 42; putty sand 50. Dry hole.
Con I	" 11	OWRC	F. E. Johnston	Feb. 2, 1966	7					T	Black loam 1; brown clay stones 15; grey clay stones 185; hardpan 187; silty fine sand 188; hard black shale 188 1/2.
Con I	" 18	L. Tait	Haddock Well Digging Ltd.	Oct. 31, 1966	30	2	28	12	Fresh	Bl-66	Brown sand 9; blue hard sand 11; sand 14; blue clay 28. Water at 11.
Con I	" 19	C. Kaufman	W. Locker	Dec. 1, 1965	1 1/2	3 1/2		8	"	D	Yellow sand 13; grey sand 20. Water from 13 to 20.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
CON IV - cont.										
CON IV - cont.	S. Matthews	W. Burwell	Apr. 5, 1967	1 1/2	7	10	8	Fresh	D, S	Red sand 18; sand 24. Water at 18.
CON IV	V. Davis	E. Edson	July 16, 1966	3 1/2	8	35	22	"	D	Blue clay 24; fine blue sand 37. Water at 24.
CON IV	L. Jackson	J. Weaver & Son	Mar. 23, 1964	1 1/2	8			"	D, S	Topsoil 1; yellow sand 5; white sand 8; white quicksand 22. Water at 8.
CON IV	S. Mills	Warren Water Wells	Aug. 5, 1965	1 1/2	4		10	"	D, S	Yellow sand 13; grey sand 16; clay. Water at 16.
CON IV	P. Weaver		May 13, 1965	1 1/2	3	6	6	"	D	Yellow sand 11; grey clay 16; fine sand 23. Water at 23.
CON IV	C. Maize	Hadoo Well Digging Ltd.	Jan. 6, 1967	30	2	34	8	"	D, S	Topsoil 1; brown clay 2; brown sand 14; blue sand 22; blue clay 23; blue sand 32; blue clay 35. Water at 10.
CON IV	F. Voras	Warren Water Wells	July 14, 1964	6 1/2	10	30	6	"	D, S	Yellow sand 14; clay 20; putty sand 30; clay. Water at 30.
CON IV	"	J. Weaver & Son	July 20, 1964	1 1/2	4		6	"	D, S	Topsoil 1; yellow sand 6; brown quicksand 9; blue clay 14; blue quicksand 17. Water at 6 and 14.
CON V	C. Humphrey	W.A. Belrose	June 1, 1967	1 1/2	8		17	"	D	Dark sand 4; grey sand 12; brown sand 24; clay 36; sand 50. Water from 36 to 50.
CON V	Mitchell Farms	Hadoo Well Digging Ltd.	May 6, 1966	30	2	25	7	"	D	Topsoil 1; brown sandy clay 7; brown sand 14; hardpan sand seams 26. Water at 9.
CON V	J. Nemeth	Warren Water Wells	Apr. 7, 1966	5	10	150	75	"	D	Yellow sand 16; grey clay 95; putty sand 98; grey clay 268; black shale. Water at 268.
CON V	"	Hadoo Well Digging Ltd.	Nov. 3, 1966	30	3	40	12	"	In	Topsoil 1; brown sand 14; blue hardpan 40; blue sand 47. Water at 14.
CON VII	R.C. Whaley	Warren Water Wells	June 24, 1967	5	4	63	30	"	D, S	Yellow clay 16; grey clay 45; grey putty sand 63; fine sand 68; grey clay 73. Water at 68.
CON VII	"	"	June 21, 1967	5	1	121	80	"	T	Yellow clay 56; grey putty sand 73; grey clay 108; stones boulders 121; grey clay. Water at 121.
CON VII	G. Nasswetter	"	June 12, 1967	5				"		Yellow clay stone 18; grey clay 76; fine sand 80; clay stone 111 boulders 114; clay stones 125; fine sand 126. Water at 80 and 126.
CON VII	"	"	June 15, 1967	5	5	50	35	Fresh	D	Yellow clay stones 16; grey clay 59; fine grey sand 65; putty sand. Water at 65.
CON VII	M. Holbrook	"	Apr. 1, 1964	5	2 1/2	96	40	"	D, S	Yellow clay 21; grey clay 42; putty sand 90; very fine sand 96; clay. Water at 96.
CON VII	W. Holtby	"	May 12, 1965	5	2	120	60	"	D, S	Yellow sand 16; grey clay stones 24; grey putty sand 91; very fine sand 96; clay stones 122; sand 126. Water at 96 and 126.
CON VIII	C. Longfield	"	Apr. 24, 1964	5	1	57	35	"	D, S	Yellow sand 6; grey clay 49; fine grey sand 54; grey clay 57. Water at 54.
CON VIII	P. Stewart	Cole Water Wells	May 14, 1966	5				"		Yellow sand 50; soft clay 60; sand 100; sand 108; grey clay stones 190. Dry hole.
CON VIII	L. Harding	"	Apr. 26, 1967	5				Fresh	D	Topsoil 1; yellow sand 20; putty sand 35; clay 70. Dry hole.
CON VIII	"	"	Apr. 28, 1967	4	1	19	8	"	D, S	Black loam 1; yellow sand 15; black white sand 19. Water from 15 to 19.
CON VIII	J. Jurenas	"	Mar. 14, 1966	5	4	90	60	"	D, S	Black loam 1; yellow sand 15; soft clay 50; grey clay stones 90; putty sand 96; fine black white sand 110. Water from 100 to 110.
CON VIII	J. Zylstra	W. Burwell	Nov. 7, 1964	5	1 1/2	95	58	"	D	Fine sand 10; grey clay 85; putty sand 90; fine sand 98. Water at 90.
CON VIII	H. Looker	Warren Water Wells	Aug. 12, 1965	5	3	100	63	"	D	Yellow sand 14; grey clay 104; fine sand 108. Water at 108.

\* See end of Appendix C for the meanings of abbreviations and symbols.



ELGIN COUNTY - cont.  
Bayham Twp. - cont.

[illegible]

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont.										
Bayham Twp. - cont.										
Gore S	" 15 A.Meretz	W.Belore	Mar.31,1967	1 1/2	9		4	"	D	Dark sand 3;clay 20;sand 31. Water from 20 to 31.
Gore S	" 15 J.Main	"	Sep.13,1967	1 1/2	10		6	"	D	Dark sand 4;clay 20;sand 32. Water from 20 to 32.
Gore S	" 27 B.Hedges	Hadco Well Digging Ltd.	Jan. 7,1966	30	1		14	"	D	Brown sand 5;grey sand 15;brown quicksand 22;grey clay 36. Water from 18 to 22.
Gore S	" 27 "	"	Jan. 7,1966	30	2		13	"	In	Brown sand 6;grey sand 14;brown quicksand 18;clay 30. Water from 18 to 18.
Gore S	" 27 "	"	Nov. 2,1966	30	3	32	13	"	D	Topsoil 1;brown sand 12;blue sand 18;blue hard clay 30;blue sand 32;hardpan 35. Water at 13.
Gore S	" 28 J.Jounoika	"	Mar.15,1967	30	3	33	12	"	D	Topsoil 1;brown sand 11;blue sand 22;blue clay 24. Water at 35. Water at 12.
Gore S	" 109 W.Underhill	Hadco Well Digging Ltd.	May 12,1965	30	2	24	15	"	D,S	Topsoil 1;brown clay 11;blue sand 22; blue clay 24. Water at 18.
TEN	" 109 C.Newland	Warren Water Wells	Oct.14,1966	5	6	100	95	"	D	Yellow clay 27;grey clay 46;grey putty sand 74;grey clay 88;hardpan stones clay 99; hard sand 108;sand 114. Water at 114.
TEN	" 117 G.Schmeltz	R.Hudson	Oct. 7,1967	36	2	25	20	"	D,S	Sand 25;clay 30. Water at 20.
TEN	" 120 Mitchell Farms	Hadco Well Digging Ltd.	May 6,1966	30	2	30	8	"	D	Topsoil 6;brown sand 14;blue sandy clay 19;blue clay 30. Water at 14.
TEN	" 123 K.Elake	W. Belore	May 30,1966	1 1/2	6		16	"	D	Fine dark sand 4;sand gravel 16;coarse sand 35. Water at 16.
TEN	" 123 W.Moore	"	Oct. 5,1966	1 1/2	6		16	"	D	Loamy soil 6;grey sand 16;medium sand 35. Water at 16.
TEN	" 123 G.Taylor	Hadco Well Digging	Oct.15,1966	30	3	28	14	"	D	Topsoil 3;brown sand 8;brown clay 12;blue sandy clay 15; blue sand 30. Water at 15.
TEN	" 124 United Church	W.Belore	Apr.26,1964	1 1/2	4		13	"	P	Dark sand 4;red sand 7;grey sand 15;sand 32. Water at 15.
TEN	" 124 N.Mitcwell	"	June28,1966	1 1/2	6 1/2		13	"	D	Fine dark sand 3;fine red sand 8;fine grey sand 19;coarse sand 38. Water at 19.
TEN	" 125 M.Chute	"	Jan.10,1964	1 1/2	6 1/2		13	"	D	Dark sand 2;red sand 10;grey sand 14;coarse sand 32. Water at 14.
TEN	" 125 W.Wellwood	"	Mar.12,1964	1 1/2	2		19	"	D	Brown sand 2;red sand 6;blue clay 19;grey sand 31. Water at 19.
TEN	" 125 J.Hotchkliss	"	Jan.24,1967	1 1/2	6		11	"	D	Dark sand 2;brown sand 6;red sand 10;grey sand 15;sand 32. Water from 15 to 32.
TEN	" 125 W.Davis	"	May12, 1967	1 1/2	8		14	"	D	Dark sand 3;red sand 8;grey sand 16;sand 31. Water from 16 to 31.
TEN	" 126 P.Millard	C.B. Norman	Oct. 9,1964	6	3		19	"	D	Sand 5;stony clay 19;fine sand 24. Water at 19.
TEN	" 127 M.Plattecuw	J.Weaver & Son	July16,1964	1 1/2	4		14	"	D	Open well 15;blue putty sand clay streaks 30. Water at 14.
TEN	" 127 "	Hadco Well Digging Ltd.	May 12,1966	30	2	26	14	"	D	Topsoil 1;brown sandy clay 8;blue sandy clay 14;blue sand 26. Water at 14.
TBS	" 110 W.Honsinger	R.Hudson	Oct. 1,1966	36	1	25	22	"	D,S	Sand 12;blue clay 20;fine sand 32. Water at 22.
TBS	" 121 W.Taylor	W.Burwell	June17,1966	5	2	53	22	"	D	Fine sand 20;blue clay 30;soury sand 50. Dry hole.
TBS	" 123 W.Varrbrughe	Warren Water Wells	Oct. 1,1964	5	2			"	D	Yellow sand 28;grey sand 31;clay putty sand 46;fine sand 52; clay 53. Water at 31 and 52.
TBS	" 123 A.Evelly	W.Belore	Sep.22,1965	1 1/2	5	22	22	"	D	Open 5;red sand 15;brown marrow 17;white sand 22;sand 47. Water at 22.
TBS	" 123 D.Bartlett	"	Sep.22,1965	1 1/2	5	22	22	"	D	Open hole 5;red sand 15;brown marrow 17;white sand 22;sand 47. Water at 22.
TBS	" 123 C.Rush	W.Burwell	Dec. 9,1965	1 1/2	5	20	15	"	D	Red sand 34;medium sand 39. Water at 34.
TBS	" 124 A.Mckim	W.Belore	June14,1965	1 1/2	6		11	"	D	Dark sand 2;red sand 7;grey sand 14;coarse sand 30. Water at 14.
TBS	" 124 D.Valley	"	July20,1965	1 1/2	6	17	17	"	D	Open hole 2;white sand 4;grey fine sand 22;sand 41. Water at 20.

ELGIN COUNTY - cont.  
Bayham Twp. - cont.

TBS TBS	lot " 124 " 124	L. Grant K. Everett	W. Burwell W. Belore	2 1	6 10	27	25 17	Fresh "	D D	Red sand 25; coarse sand 32. Water from 25 to 32. Dark sand 2; red sand 10; grey sand 21; sand 40. Water from 21 to 40.
				1	5		13	"	D	Red sand 18; sand 26. Water from 18 to 26.
				1	12		18	"	D	Red sand 5; grey sand 20; sand 37. Water from 20 to 37.
				1	4		25	"	D	Grey sand 23; hardpan 26; grey sand 40. Water at 26.
				1	10		33	"	D	Red sand 6; grey sand 14; sand 33. Water from 14 to 33.
				1	2		12	"	D	Old dug well 18; sand 25. Water from 18 to 25.
				1	2		12	"	D	Red sand 26. Water from 18 to 26.
				1	2		12	"	D	
				1	2		12	"	D	
				1	2		12	"	D	
Durwich Twp. Con II	lot " 2 " 24	Bell Doon Imperial Oil Co. Ltd. J. McKillop	W. Dale Dolphin & Earl S. Earl	5 4 4	2 126 5		51 135	Fresh "	C N	Brown sand clay 8; blue clay 12; blue clay gravel 22; clay gravel 23; black shale 26; brown limestone 288. Dry hole. Topsoil 2; sand 20; blue clay 120; sand 140; hardpan 225; sand 235 Clay rock 237. Water at 236; sand 236; clay 236; sand 235 Clay 283; sand 287; stones 288; clay 306; clay stones 350; limestone 351. Water from 283 to 287. Clay 278; hardpan 326. Dry hole. Clay 215; hardpan 279; stones 281; clay 337; limestone 338. Dry hole sand clay 8; blue clay 18; clay sand 190; blue clay 260; hardpan 264; sand gravel 265. Water at 264. Topsoil 4; brown clay 2; blue clay 4; grey clay 201; muddy clay sand 208; blue clay 25; hardpan 267; gravelly shale streak limestone 300; gravel gas 305. Water from 302 to 305. Yellow clay 15; blue clay 185; hardpan 190; sand gravel 193; hard sand 240. Water at 190, 193 and 240. Salty. Sand 8; sand 12; clay 16; sand 164. Water from 161 to 164. Sandy loam 6; clay 198; gravel 203. Water from 198 to 203. Sand 6; blue clay 46. Dry hole. Brown clay 8; blue clay gravel streaks 16. Water at 5.
				5	5	70	43	Sulphur	D, S	
				4	7	100	90	Sulphur	S	
				6	3	142	80	Fresh	S	
				5	10	135	40	"	D, S	
				40	6	15	5	"	D	
				36						
Malanie Twp. Con I	lot " 4 " 4	W. King T. Watt	Hadco Well Digging Ltd.	27 30	3 3	30 40	16 10	Fresh "	D D	Topsoil 1; brown sandy clay 8; blue clay 16; blue sand 25; blue clay 30. Water at 16. Topsoil 4; brown clay 14; blue clay 32; blue sand 40. Water at 32.
				36	7	12	6	"	D	Sand 8; gravel stone 16. Water at 6. Sandy loam 6; blue clay 150. Dry hole.
				5	5	35	30	"	D, S	Clay 50; sand 62. Water at 62.
				4	3	42	6	"	D	Sand 12. Water from 6 to 43.
				1	5	15	11	"	S	Sand 15; sand 19. Water at 15.
				1	7	15	11	"	S	Sand 12; sand 17. Water at 12.
				1	7	15	11	"	I	Topsoil 1; yellow sand 6; grey clay 8; fine grey sand 18; putty sand 22; clay. Water from 8 to 18.
Con I	lot " 6 " 20	G. McClatchie B. Reimer B. Reimer H. Tate P. Hendel A. Colpaert	R. Hudson W. Burwell Warren Well Drilling W. Burwell W. Looker	36 5 4 1 1 1	7 5 4 3 5 7					
Con I	lot " 32 " 11 " 19 " 19 " 22	B. Reimer H. Tate P. Hendel A. Colpaert	R. Hudson W. Burwell Warren Well Drilling W. Burwell W. Looker	36 5 4 1 1 1	7 5 4 3 5 7					



# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOG AND REMARKS \*  
(Depth to which formation entered  
below the surface are given in feet)

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATUS LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
ELGIN COUNTY - cont. Maleside Twp.- cont.										
Con II	K. Irwin	W. Locker	July 23, 1965	5						Sandy loam 2; brown clay 35; putty sand 72; blue clay 150. Dry hole.
Con III	H. Kent	J. Weaver & Son	Feb. 3, 1964	1 1/2	4		18	Fresh	D	Pit 4; brown sand 14; white sand 18; brown clay 18; brown putty sand 25. Water at 18.
Con III	G. Coysmann	Warren Water Wells	Dec. 4, 1964	4	1	26	6	"	D, S	Yellow sand 1 1/2; fine sand 22; clay sand 26. Water at 22.
Con IV	L. VanPater	J. Weaver & Son	Apr. 9, 1964	1 1/2	2 1/2		32	"	D	Open well 30; brown putty sand 57; blue quicksand 65. Water at 32.
Con IV	U. Westover	Hadco Well Digging Ltd.	Feb. 26, 1964	27 1/2	1 1/2		24	"	D, S	Topsoil 1; brown sand 30. Water at 24.
Con IV	I. Pehr	C. Warren	July 26, 1966	4	4	40	23	"	D	Blue clay 32; medium sand 40. Water from 32 to 40.
Con IV	J. Pehr	R. Hudson	Oct. 2, 1967	36	50	35	22	"	D	Blue clay 40; coarse sand 41. Water at 40.
Con IV	L. Wiebe	E. Hoover	Oct. 10, 1967	7	3	28	22	"	D	Topsoil 2; red sand 38; fine sand 40. Water at 38.
Con IV	P. Ingrax	R. Hudson	July 20, 1967	26	3	18	9	"	D, S	Sand 26. Water at 9.
Con V	A. Howe	Cole Water Wells	Oct. 18, 1966	5	5	50	36	"	D, S	Black loam 1; yellow sand 3; gravel clay 30; yellow sand 44; black white sand 94. Water from 75 to 94.
Con V	"	"	Oct. 25, 1966	5	5	70	36	"	D	Topsoil 1; yellow clay 16; yellow sand 35; yellow sand 45; black white sand 97. Water from 45 to 97.
Con V	H. Howe	C. Kent Water Well Drilling	July 23, 1964	5	2	96	53	"	D	Yellow sand 10; clay compacted gravel sand 55; fine silty sand 74; fine sand salt 97; soft clay. Water from 74 to 97.
Con V	H. Kent	Cole Water Wells	July 6, 1967	5	4	72	55	"	D	Topsoil 1; yellow clay 18; grey clay 65; sand 85; black white sand 98. Water from 85 to 98.
Con V	G. Greenwood	"	July 24, 1967	5	5	90	40	"	D	Topsoil 1; yellow clay 16; yellow sand 20; grey clay 69; white sand 80; black white sand 96. Water from 85 to 96.
Con V	A. Verschoore	"	June 26, 1967	5	4	85	55	"	D	Fill topsoil 3; yellow clay 18; grey clay 70; sand 85; black white sand 100. Water from 85 to 100.
Con V	O. Liddle	R. Hudson	June 30, 1966	36	4	25	7	"	D, S	Sand 26; blue clay 27. Water at 15.
Con V	"	"	July 1, 1966	36	4	25	7	"	D, S	Sand 26; blue clay 27. Water at 15.
Con VII	C. Ostrander	"	Nov. 30, 1966	36	2	25	15	"	D, S	Brown sand 15; quicksand 30; blue clay. Water at 15.
Con VIII	E. Simons	E. Hoover & Son	Apr. 25, 1968	5	1	105	80	"	D	Topsoil 2; blue clay stones 100; putty grey sand 124; fine sand 160; coarse sand 175. Water at 175.
Con VIII	D. Shackleton	W. Dale	Oct. 26, 1964	5	11	64	58	"	D, S	Topsoil 2; gravel 9; brown clay gravel 38; blue clay 71; grey clay 24; streaks soft clay 228; blue clay 24; soft grey shale 249; grey shale 250. Water from 240 to 250.
Con VIII	"	Cole Water Wells	June 14, 1967	5	20	50	50	"	D, S	Black loam 1; yellow clay 15; grey clay 45; sand 75; black white sand 85; dirty gravel clay 125; grey clay 24; rock oil 244; water from 145 to 146.
Con VIII	"	"	May 15, 1967	3	5	15	9	Sulphur	D, S	Topsoil 2; grey clay stones 49; gravel 50. Water from 48 to 50.
Con VIII	M. Vanlengen	C. Norman	Oct. 2, 1967	5	6	100	40	Fresh	D, S	Topsoil 1; blue clay 100; red clay 120; blue clay 142; gravel 143. Water at 142.
Con VIII	I. Pehr	E. Hoover & Son	Dec. 17, 1965	5	1	135	80	"	D, S	Topsoil 3; blue clay 75; sand gravel clay 130; fine pasty sand 150; fine sand gravel 151. Water at 150.
Con IX	V. Verougstraete	"	Jan. 7, 1966	5	4	90	30	"	P	Black loam 1; yellow clay 17; grey clay 50; dirty gravel clay 105; sand gravel 110. Water from 105 to 110.
Con IX	St. John's United Church	Cole Water Wells	May 27, 1966	5	5	65	20	"	D	Black loam 1; yellow clay 15; grey clay stones 32; dirty gravel clay 72; sand 78. Water from 72 to 78.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations struck below the surface are given in feet)
ELGIN COUNTY - cont. Port Burwell Village Con I lot 12	OWBC	P.E.Johnston Drilling Co.Ltd.	Feb. 2, 1966	7			Flows		T	Black loam 1; brown clay stones 15; grey clay stones 185; hardpan 187; silty fine sand 187; hard black shale 188½. Water at 187.
Con I " 18	A.Turoc	W.Burwell	Sep. 26, 1967	1½	8	8	6	Fresh	D,S	Red sand 8; sand 16. Water at 8.
South Dorchester Twp. Con VII lot 2	W.Walker	W.McBeth	June 15, 1966	5½	5	27	20	Fresh	D	Brown clay 20; putty sand 70; fine gravel 72. Water from 70 to 72.
Con VII " 3	L.Dantels	Cole Water Wells	Apr. 9, 1964	5	4	43	29	"	D	Black loam 3; yellow clay stones 42; yellow sand streaks gravel 45; sand 55. Water from 49 to 55.
Con VIII " B	T.Pasma	E.Hoover & Son	Mar. 16, 1964	5	3	70	70	"	D,S	Clay 55; clay stones 200; sand 265; clay stones 293; brown limestone 295. Water at 294.
Con VIII " C	H.Row	"	Aug. 27, 1966	4	9	78	35	"	D,S	Well previously drilled 140; sand gravel clay 190; gravel 191. Water at 191.
Con VIII " 9	J.Carrell	"	Mar. 4, 1964	5	4	90	60	"	D,S	Red clay 1; blue clay 90; sand 195. Water from 90 to 195.
Con VIII " 12	F.Coleman	"	Aug. 3, 1965	5	2½	93	83	"	D,S	Topsoil 2; blue clay 123; fine putty sand 125; blue clay 188½; sand gravel 189. Water at 189.
Con VIII " 24	R.Taylor	W.Dale	Apr. 9, 1965	4	4	84	22	"	D,S	Well previously drilled 101; soft grey clay 137; sand 147. Water from 144 to 147.
Con IX " 5	H.Charlton	E.Hoover & Son	Nov. 13, 1967	5	9	91	80	"	D,S	Top pit clay 5; blue clay 133; gravel 143. Water at 133.
Con IX " 10	R.Perguson	W.McBeth	Apr. 23, 1964	4½	5	150	85	"	D,S	Hard clay 45; stony hard sand 180; hardpan 192; gravel. Water at 192.
Con IX " 13	R.Bond	E.Hoover & Son	Jan. 2, 1965	5½	3	65	55	"	D	Red clay 20; blue clay 185; gravel sand 190. Water from 185 to 190.
Con IX " 13	J.Watters	"	Oct. 31, 1966	5	4	140	80	"	D	Topsoil 2; blue clay 176; gravel 197. Water at 177.
Con IX " 15	Public School Board	Cole Water Wells	July 28, 1965	5	15	100	70	"	P	Clay loam 2; yellow clay 8; soft grey clay 75; hard grey clay stones 110; soft grey clay 170; hard grey clay stones 175; sand 185; fine gravel sand 210. Water from 185 to 210.
Con IX " 19	J.Hide	W.McBeth	Sep. 16, 1964	5½	6	75	65	"	D,S	Blue clay 70; sand 125; soapstone 145; fine sand 180; hardpan 184; gravel 185. Water at 184.
Con X " A	L.Ward	Cole Water Wells	Dec. 13, 1965	5	5	125	100	"	D,S	Yellow clay 22; grey clay stones 75; dirty gravel clay 112; sand 125; fine gravel sand 144. Water from 130 to 144.
Con X " 17	A.Woods	E.Mitchell	Mar. 28, 1964	5	4	95	65	"	D	Clay 130; clay gravel 180; sand 200; hardpan 203; gravel 205. Water at 140, 180 and 204.
Con X " 18	G.Pettit	E.Hoover & Son	June 23, 1966	5	3	75	65	"	D,S	Topsoil 3; blue clay 152; putty grey sand 160; blue clay 169; fine gravel 170. Water at 170.
Con X " 21	W.Moore	R.Helkaa	Oct. 27, 1965	5	3	85	80	Sulphur	D,S	Clay 150; sand silt 25; sand 295; brown rock 300. Water at 300.
Con XI " 6	F.Charlton	Cole Water Wells	May 5, 1964	5	3	95	48	Fresh	D,S	Yellow clay 17; soft grey clay 55; grey clay stones 102; sand 106. Water from 102 to 106.
Con XI " 12	S.Dorchester Township	E.Hoover & Son	May 12, 1964	5½	5	103	70	Sulphur	C	Topsoil 5; red clay 25; blue clay 80; dirty sand 275; brown limestone 280. Water at 276.
Con XI " 15	N.Simpson	"	Oct. 24, 1964	5	3	65	45	Fresh	D	Topsoil 3; red clay 20; blue clay 130; fine putty sand 150; grey fine sand 160; coarse grey sand 175. Water at 170.
Con XII " 4	M.Sherpard	Cole Water Wells	Aug. 15, 1966	5	5	36	20	"	D,S	Yellow clay 7; yellow sand 22; dirty gravel 50; fine gravel 58. Water from 50 to 58.
Con XII " 6	P.Walker	"	Apr. 25, 1964	5	8	70	31	"	D	Black loam 2; yellow clay 15; grey clay streaks sand 45; grey clay stones 100; dirty gravel streaks clay 109; sand 115. Water from 109 to 115.

\* See end of Appendix C for the meanings of abbreviations and symbols.



ELGIN COUNTY - cont.

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\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.A.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Southwold Twp. - cont. TENB ES " 42 ES " 44 ES " 44 ES " 46 ES " 47 ES " 48 ES " 49	Elgin Veterinary Clinic S. Oigwa	C. Warren W. Dale	May 28, 1964 July 29, 1966	5 5	2 6	140 130	40 77	Fresh "	S D,S	Clay 143; gravel 147. Water from 143 to 147 Brown clay 14; grey clay 32; blue clay 127; blue clay gravel 161; hardpan 181; muddy sand 185; grey clay gravel 192; gravel 195; grey clay 196. Water from 192 to 195. Topsoil fill 2; brown clay 12; blue grey clay 25. Dry hole.
	J. Bromley	Hadcoo Well Digging	Feb. 13, 1964	30						Brown clay 2; blue clay 30. Dry hole.
	H. Tonkin	R. Hudson	Apr. 27, 1967	36						Topsoil 2; brown clay gravel 9; soft sand clay stone 115; soft clay stone 177; clay gravel 185; clay gravel hard boulders 200; clay gravel odd boulder 235; hard clay gravel boulders 262; brown limestone 267. Water at 267.
	Ford Motor Co. of Canada	International Water Supply Ltd.	May 17, 1966	5	31	38 1/2	28	Sulphur	In	Topsoil 2; brown clay stone 12; grey blue clay 15; blue clay stone 135; gravel 136; hard clay boulder 174; hard clay boulders 188; clay gravel boulders 192; hard clay odd boulder 227; hard clay sand 224; clay odd boulder 277; clay gravel 278; rock.
	Ford Motor Co. of Canada	International Water Supply Ltd.	Mar. 29, 1966							Topsoil 1; brown clay 8; boulders 9; clay gravel 20; soft blue clay sand 201; soft clay gravel 126; clay boulders 132; soft clay some sand 140; clay boulders 173; hard clay odd boulder 257; rock 263.
	Ford Motor Co. of Canada	International Water Supply Ltd.	Apr. 5, 1966							Topsoil 2; brown clay gravel 8; sandy clay stones odd boulders 126; soft sandy clay 146; clay 158; clay boulders 166; hard clay gravel odd boulders 265; clay gravel boulders 267; clay gravel 277; rock.
	G. Wright	Hadcoo Well Digging Ltd.	Dec. 1, 1965	27 1/2	1		24	Fresh	D	Blue clay 25; brown sand 27; grey sand 32. Water from 27 to 32
	M. Emery	R. Hudson	May 7, 1966							Blue clay 60. Dry hole.
	United Church of Manse		May 10, 1966	36	1	25	5	Fresh	D	Sandy clay 16; blue clay 27. Water at 12.
	L. Bogart		Aug. 29, 1967	36	1 1/2	30	12	"	D	Brown clay 10; quicksand 15; blue clay 30. Water at 12.
TENB SS " 14 SS " 35 URS Range I " 11 URS " I " 11 URS " 1 " 14	R. Cox		Sep. 7, 1966	36	1	16	6	"	D,S	Sand 10; blue clay 20. Water at 6.
	A. Beharrell		Jan. 3, 1964	36	1	9	4	"	D,S	Topsoil 3; dirty sand 10; clay 10 1/2. Water at 4.
	R. Fife		Jan. 4, 1964	36	1	10	6	"	D,S	Sand 7; blue clay 13. Water at 6.
			Jan. 7, 1964	36			18	"	S	Brown clay 12; sandy blue clay 18; sandy grey clay 28. Water at 18.
	G. Payne	C. Warren	Aug. 24, 1966	4	6		8	"	D,S	Sand 14; fine gravel 17. Water from 14 to 17.
	R. Ketchum	R. Hudson	Aug. 30, 1967	36	3	35	20	"	D,S	Sandy clay 20; fine sand 41. Water at 20.
			Feb. 15, 1964	36	1	30	23	"	D,S	Topsoil 1; brown sandy clay 8; blue sandy clay 24; silty sand 40. Water at 23.
	P. Thomas, Estate	C. Warren	Apr. 21, 1966	4	4 1/2	56	27	"	D	Sandy 28; clay 32; muddy sand 48; clay 51; sand 56. Water from 51 to 56.
Springfield Village	M. Brown	Cole Water Wells	Sep. 5, 1964	5	4	33	21	Fresh	D	Open hole 12; grey clay 41; sand gravel 45. Water from 41 to 45.
	E. Charlton	C. Norman	Sep. 30, 1964	4	2	48	30	"	D	Stony clay 84; coarse sand 85. Water at 84.

ELGIN COUNTY - cont.  
Springfield Vig.- cont.

Con I	lot 3	M.Vireg	C.Kent	Apr.23,1964	5	2	91	36	Fresh	D	Black loam 2;yellow clay 14;grey clay stones 89;sand gravel 91. Water from 89 to 91. Clay loam 2;yellow clay 13;grey clay stones 26;sand 29;grey clay stones 110;dirty gravel clay 119;sand 123. Water from 119 to 123. Topsoil 5;sand stones 25;fine putty sand 48;hardpan 86;sand gravel 87. Water at 86. Sticky brown clay 52;hardpan 53;gravel 54. Water at 52 and 53. Fill 2;grey till boulders 30;gravel hardpan 31;coarse sand 34;light grey till darker grey till 82;fine coarse sand 94;very fine sand 97. Water from 31 to 34 and from 82 to 94. Clay 23;sand 27. Water at 23. Clay 23;sand 27. Water at 23.
Con I	"	"	"	May 4,1964	5	2	123	30	"	D	Yellow sand 15;grey sand 23;grey clay 42;yellow sand 50;grey sand 95;clay 98. Dry hole. Yellow sand 30;yellow sand clay 35;blue clay 52;brown sand clay 55;dirty brown sand 70;dirty sand clay 90. Dry hole. Said 10;sand 12;sandy blue clay 17. Water at 10. Dug well 22;yellow sand 38;clay 40. Yellow sand 35;clay 60. Water from 21 to 35. Sandy loam 2;yellow clay 12;fine quicksand 55. Water from 20 to 55. Brown loam 2;yellow clay 2;yellow sand 40;grey quicksand 52. Water from 40 to 52. Yellow sand 12;grey sand 17;blue clay 60. Dry hole. Topsoil 1;sandy brown clay 1;blue clay 42;blue sand 45;blue clay 52;grey sand 60. Water at 42. Clay 27;black shale 386;brown limestone 400. Dry hole.
Con I	"	"	"	Sep.28,1964	36	10	16	16	Fresh	In	Brown clay 18;quicksand 24;blue clay 43. Dry hole. Blue clay 18;sand 24;blue clay 47. Water from 16 to 24. Blue clay 18;sand 24;blue clay 47. Water from 16 to 24. Blue clay 32;sand 37. Water from 33 to 37. Old well dug 18;sand 30. Water from 18 to 30. Brown sand 14;sand 18;blue clay 31. Water at 18. Sandy loam 18;sand 34. Water from 29 to 34. Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	May 19,1965	36	21	60	18	"	In	Topsoil 1;sand 55;blue clay 110;red clay 115;blue clay 183;blue clay hardpan 216;gravel 220. Water at 220. Topsoil 8;grey sand 75. Water at 68. Topsoil 1;brown clay 6;brown sand 89;grey clay 167;dirty grey sand gravel 170. Water at 167.
Con I	"	"	"	May 19,1964	5	1	54	18	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	May 23,1964	5	3	54	18	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Apr.16,1964	3	4	50	17	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	May 7,1964	5	3	58	4	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Nov.17,1967	30	3	58	4	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Oct.16,1964	5	2	37	22	Fresh	In	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	May 19,1965	36	21	60	18	"	In	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	June 2,1965	36	21	60	18	"	In	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	June 2,1965	36	21	60	18	"	In	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Oct.29,1966	4	10	27	14	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Oct.30,1967	4	10	27	14	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	June 9,1965	36	1	1	19	"	D,S	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Feb. 4,1964	4	5	5	27	"	D,S	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Feb.24,1964	30	10	150	100	"	P	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Apr.27,1967	5	10	150	100	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Sep.18,1967	5	5	75	35	"	D	Topsoil 1;sand 37. Water at 27.
Con I	"	"	"	Dec.28,1967	5	6	115	70	"	D	Topsoil 1;sand 37. Water at 27.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
ELGIN COUNTY - cont.										
Iarmouth Twp. - cont.										
Con III	Lewton Bros.	E.Hoover & Son	Sep.14,1967	5	2	26	22	Fresh	D,S	Topsoil 1;clay 28;sand 31. Water at 31.
Con III	E.Devries	C.Warren	Apr. 7,1964	4	6	30	20	"	D,S	Loam 4;sand 47. Water from 43 to 37.
Con III	E.Harvey	"	May 12,1965	4	12	26	19	"	D	Loam 4;sand 24;blue clay 43;sand 55. Water from 45 to 55.
Con III	E.Bond	"	Mar. 7,1964	4	7	62	17	"	D,S	Clay 4;clay 61;gravel 64. Water from 61 to 64.
Con III	"	"	Dec. 3,1966	7	10	62	18	"	P	Clay 59;sand 62. Water from 59 to 62.
Con III	Iarmouth Twp	"	"	"	"	"	"	"	"	Blue clay 50;sand 66. Water from 50 to 66.
Con III	J.Baldwin	"	July15, 1964	4	10	50	32	"	D	Clay 27;sand 66. Water from 60 to 66.
Con III	J.Flueelling	"	Apr.20,1966	4	15	26	38	"	D	Sand 51;clay 123;gravel 127. Water from 123 to 127.
Con IV	R.Farachoniak	"	Mar.24,1964	5	15	55	47	"	D	Topsoil 1;brown clay 22;brown sand 50. Water at 40.
Con IV	J.Buck	Hadoo Well Digging Ltd.	May 5,1964	2 1/2	1	55	40	"	D	Topsoil 1;brown clay 22;brown sand 50. Water at 40.
Con IV	A.Pol	C.Warren	July13,1964	7	20	105	27	"	D	Top grey clay 16;sand 21;blue clay 105;clay gravel 150; gravel 155. Water from 150 to 155.
Con IV	J.Sanders	"	Mar. 3,1966	4	10	40	33	"	S	Loam 4;muddy sand 16;clay 32;muddy sand 41;sand gravel 50. Water from 43 to 50.
Con IV	E.Shelly	"	July10,1965	5	9	23	5	"	D	Blue clay 100;gravel 103. Water from 100 to 103.
Con IV	H.Cummings	W.McBeth	Aug.20,1965	5 1/2	5	40	25	"	D	Brown clay 40;hard sand 90;blue clay 100;hardpan 125;gravel. Water at 125.
Con IV	J.Scheele	W.Dale	Oct. 5,1965	5	7	54	8	"	D	Brown sand 6;blue clay 31;sandy clay 36;blue clay 78;blue clay gravel 96;gravel 98;clay 100. Water from 96 to 98.
Con IV	P.VanDerHeyden	"	Oct.13,1965	5	9	63	8	"	D	Brown clay 11;sandy brown clay 32;blue clay 64;blue clay gravel 88;muddy gravel 91;muddy sand 119;gravel 121. Water from 119 to 121.
Con IV	P.Gagnon	"	Oct.25,1965	5	9	63	20	"	D	Brown clay 15;blue clay gravel 21;sandy blue clay 34;blue clay 68;blue clay gravel 91;muddy sand gravel 123;gravel 124;clay 126. Water from 123 to 124 1/2.
Con IV	W.Marriott Estate	Hadoo Well Digging Ltd.	Apr.28,1967	5	4	45	20	"	D	Topsoil 1;blue clay 25;blue clay sand 35;blue clay 78;blue clay stones 100;sand gravel 110. Water at 110.
Con IV	V.Zavate	H.Warren	May 25,1967	4	8	61	30	"	D	Clay 42;sand 50. Water at 50.
Con IV	N.Hepburn Estate	Hadoo Well Digging Ltd.	Nov.30,1965	2 1/2	1	48	48	"	D	Topsoil 2;blue clay 30;boulders clay 35;blue sand 48;grey sand 66. Water from 48 to 66.
Con IV	A.C. Moore	C.Warren	Dec.15,1966	5	10	75	14	"	D	Sandy loam 6;sandy clay 65;clay 94;sand 98. Water from 94 to 98 1/2.
Con IV	W.L.L. tel	Warren WaterWells	Nov.13,1967	4	4	20	8	"	D	Sand 32. Water from 8 to 32.
Con IV	S.Haight	E.Hoover & Son	Aug. 1,1967	5	5	24	24	"	D,S	Topsoil 2;clay 10;sand gravel 32;gravel 33. Water at 33.
Con IV	R.Oide	C.Warren	Feb. 3,1964	5	16	14	14	"	D,S	Loam 3;sand 22;gravel 28. Water from 22 to 28.
Con IV	H.Barrett	"	Feb.29,1964	4	5	23	23	"	D	Sandy loam 12;clay 23;gravel 25;sandy clay 34;gravel 40. Water from 34 to 40.
Con IV	J.Rewbatham	"	Apr.14,1966	4	9	37	20	"	D	Sand 18;clay 27;sand gravel 37. Water from 30 to 37.
Con VI	J.Clayton	W.Dale	Nov. 3,1966	4	7	94	71	"	D	Topsoil 2;grey clay gravel 9;grey clay 56;sandy clay 78;sand 91;sandy clay 97. Water from 78 to 91.
Con V	A.Douglas	C.Kent	Apr. 9,1964	3	6	40	18	"	D	Yellow sand 8;coarse sand gravel 12;yellow clay sand strips 42;grey sand 54;clay 55. Water from 42 to 54.
Con V	L.Fish	"	May 27,1964	5	6	36	18	"	D	Loam 1;yellow sand 18;coarse brown sand 37;grey sand 49. Water at 49.
Con V	W.Hutchinson	C.Warren	Feb. 4,1966	4	10	32	16	"	D	Sand 18;sandy clay 30;sand 39. Water from 30 to 39.
Con V	H.Hodman	"	Oct.14,1966	4	20	16	10	"	D	Sandy loam 17;sand gravel 29;fine gravel 42. Water at 29 and 42.

ELGIN COUNTY - cont.

Yarmouth Twp. - cont.	Con	Shaw	Warren	May 14, 1965	4	10	23	5	Fresh	D	Blue clay 61; gravel 64. Water from 61 to 64.
Con V	lot 4	R. Shaw	C. Warren	May 14, 1965	4	10	23	5	"	D	Sand 29; blue clay 34; sand 39. Water from 34 to 39.
Con V	"	C. Bond	"	Mar. 17, 1964	4	5	39	21	"	D, S	Clay 40; gravel clay 59; sand 62. Water from 59 to 62.
Con V	"	J. VanBuren	E. Hoover	May 18, 1965	5 1/2	1 1/2	55	36	"	D, S	Loam 14; muddy gravel 28; gravel 36. Water from 28 to 36.
Con V	"	B. Crocker	C. Warren	July 22, 1964	4	8	30	21	"	D, S	Blue clay 77; blue clay gravel 169; gravel 175. Water at 170 and 175.
Con VI	"	C. Shaw	"	May 20, 1964	5	8	160	100	"	D, S	Topsoil 1; brown clay 14; brown sand 20; brown clay 24; blue sandy clay 36; blue clay 45. Water at 36.
Con VI	"	O. Jungblut	Hadco Well Digging Ltd.	Mar. 13, 1965	30	2	43	36	"	D	Topsoil 1; brown clay 10; grey clay 16; brown sand 27; grey sandy clay 48; fine gravel grey sand 49; grey sand 55; grey clay. Water at 48.
Con VI	"	E. Pearce	"	Aug. 12, 1965	30	2	48	48	"	D	Sand 7; clay 3; muddy sand 50; sand 55. Water from 50 to 55.
Con VI	"	W. McMin	C. Warren	Nov. 24, 1965	41	2 1/2	55	25	"	D	Loam 10; clay 3; sand 48. Water from 40 to 46.
Con VI	"	B. Carr	"	Nov. 25, 1965	41	6	40	28	"	D	Loam 10; clay 3; sand 48. Water from 37 to 42.
Con VI	"	W. Webster	"	Dec. 2, 1965	41	4 1/2	26	26	"	D	Loam gravel 9; blue clay 61; sand 70. Water from 61 to 70.
Con V	"	B. Pennema	"	Jan. 19, 1966	4	10	50	31	"	D	Topsoil 1; brown sandy clay 7; brown clay 13; brown sand 23; blue clay 24; blue sand 27; blue clay 29; blue sand 35. Water at 23, 25 and 29.
Con VI	"	A. Harris	Hadco Well Digging Ltd.	May 13, 1966	30	3	35	23	"	D	Topsoil 1; brown clay 9; brown sand 38. Water at 30.
Con VI	"	L. Whitecraft	"	May 16, 1966	30	2	38	30	"	D	Loam 18; sand 45. Water from 38 to 45.
Con VI	"	D. Robertson	C. Warren	May 16, 1966	4	10	45	14	"	D	Topsoil 1; sandy brown clay 9; blue clay 26; blue sand 30; blue clay 35. Water at 26.
Con VI	"	R. Berry	Hadco Well Digging Ltd.	May 13, 1966	30	3	35	26	"	D	Topsoil 1; brown clay 13; blue clay 17; brown sand 19; blue clay 22; gravel 25. Water at 17 and 22.
Con VI	"	J. McDonald	"	May 17, 1967	30	4	25	15	"	D	Topsoil 1; brown clay 3; brown sand 7; blue clay 14; gravel 16; coarse sand 26. Water at 7 and 14.
Con VI	"	R. Tripp	"	July 6, 1967	30	5	24	6	"	D	Clay 15; sand 20. Water at 15.
Con VI	"	B. Horn	R. Hudson	Oct. 10, 1967	36	2	18	12	"	D	Clay 10; sand clay 80; sand 95. Water from 85 to 95.
Con VI	"	B. Eastman	E. Mitchell	Oct. 31, 1966	5	6	80	70	"	D	Clay 10; sand clay 80; sand 95. Water from 85 to 95.
Con VI	"	H. Griffin	"	Apr. 27, 1967	5	4	84	80	"	D	Blue clay 100; sand clay 173; sand gravel 179. Water from 174 to 179.
Con VII	"	B. Ball	C. Warren	Sep. 7, 1966	5	6	179	100	"	D	Clay 123; muddy sand gravel 206; clay 210; fine gravel 218. Water from 210 to 218.
Con VII	"	W. Walters	"	Aug. 24, 1965	5	15	106	95	"	D, S	Topsoil 2; red clay 10; blue clay 130; sandy sand 135; blue clay 167; gravel sand 168 1/2. Water at 168 1/2.
Con VII	"	B. McCow	E. Hoover & Son	Sep. 22, 1966	5	5	68	58	"	D, S	Clay 76; gravel 81. Water at 76.
Con IX	"	R. Sternberg	H. Warren	May 15, 1967	5	20	36	32	"	D	Brown clay 10; blue clay 20; fine sand 32. Water at 20.
Con X	"	O. Underhill	R. Hudson	Dec. 12, 1966	36	1	25	10	"	D	Brown clay 11; grey clay 21; grey clay sand 24; grey clay 68; grey clay gravel 111; gravel 118; cemented gravel 119. Water from 111 to 118.
Con X	"	G. Hamoly	W. Dale	June 1, 1965	5	13	45	43	"	S	Topsoil 2; brown clay 6; coarse sand 9; fine sand 51; muddy sand streaks sand 67; grey clay 71. Water from 61 to 65.
Con XI	"	S. Ferguson	"	May 15, 1965	4	3	69	39	Fresh	D	Blue clay 22; fine hard sand 26. Water at 22.
Con XII	"	B. Hamilton	R. Hudson	May 22, 1964	36	1	25	16	"	D	Blue clay 22; fine hard sand 26. Water at 22.
Con XII	"	N. Klemmer	"	May 22, 1964	36	1	25	16	"	D	Blue clay 22; fine hard sand 26. Water at 22.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
ELGIN COUNTY - cont.										
Farmouth Twp. - cont.										
Con XII lot 1	D. Bareille	B. Hudson	Jan. 13, 1965	36	1	30	18	Fresh	D	Brown clay 10; blue clay 18; fine sand 31. Water at 18.
Con XII lot 1	J. Macgregor	"	Apr. 20, 1965	36		25	15	"	D	Blue clay 25; fine sand 30. Water at 25.
Con XII lot 1	B. Hillis	"	Apr. 20, 1965	36		25	15	"	D	Blue clay 25; fine sand 32. Water at 25.
Con XII lot 1	J. Macgregor	"	Dec. 6, 1965	36		28	18	"	D	Blue clay 22; fine hard sand 30. Water at 22.
Con XII lot 1	Townline	"	Feb. 24, 1966	36	1	25	10	"	P	Silty clay 5; hard blue clay 22; fine sand 27. Water at 22.
Con XII lot 1	United Church	"	Feb. 14, 1967	36	1 1/2	42	26	"	D	Brown clay 10; blue clay 25; hard fine sand 42. Water at 25.
Con XII lot 1	S. Kuchta	"	Nov. 29, 1967	36	1	30	16	"	D	Blue clay 22; fine sand 33. Water at 20.
Con XII lot 1	J. Macgregor	"	Aug. 14, 1964	5	9	57	34	"	D	Well pit 7; blue clay 27; grey clay 53; fine sand 85. Water from 53 to 85.
Con XII lot 1	C. Ferguson	W. Dale						"	D, S	Dug well 33; sand 48; sand 53; fine sand 54. Water from 53 to 54.
Con XII lot 1	W. Thompson	"	Aug. 4, 1964	4	7 1/2	42	35	"	D, S	Grey clay 18; clay gravel 70; sand 75. Water from 70 to 75.
Con XII lot 1	N. Brown	C. Warren	July 30, 1964	4	5	73	18	"	D, S	Brown clay 15; blue clay 31; fine sand 41. Water at 31.
Con XII lot 1	J. Dingman	B. Hudson	Aug. 24, 1967	36	1	35	26	"	D, S	Topsoil 1 1/2; yellow sand 3; brown clay 8; blue clay 68; blue clay 73; blue clay 129; fine brown sand 132; sandy clay gravel 157; sand 158; coarse gravel 160. Water from 157 to 160.
Con XIV lot 1	J. McInnis	W. Dale	May 9, 1967	5	9	57	35	"	D	
Edgeware Road North										
ERN Range I lot 1	G. VanOpstal	W. Dale	Apr. 30, 1965	7	3	115	31	Fresh	D, S	Topsoil 2; brown clay 14; sandy clay 34; grey clay 66; blue clay 102; gravel grey clay 138; cemented gravel 143; grey clay 145. Water from 140 to 143.
ERN Range I lot 1	G. Lindsey	B. Hudson	Sept. 6, 1966	36	3	10	7	"	D, S	Brown clay 3; fine sand 15; clay. Water at 7.
ERN Range I lot 1	T. Hezemen	W. Dale	May 21, 1965	5	10	58	55	"	D	Topsoil 1; brown clay 9; grey clay 20; grey clay gravel 26; grey clay 61; grey clay small stones 74; sandy clay 80; silty sand 96; sand 109; grey sandy clay 110. Water from 104 to 108.
ERN Range II lot 1	L. Fehr	Hedco Well Digging Ltd.	Sept. 2, 1965					"		Brown clay 12; blue clay 62. Dry hole.
ERN Range II lot 1	W. Fehr	E. Mitchell	Oct. 22, 1965	5	2	43	42	Fresh	D	Grey clay 60; grey clay gravel 194; sand gravel 200. Water at 199.
Edgeware Road South										
ERS Range I lot 12	atter	W. Dale	Mar. 1, 1965	5	6	148	74	Fresh	D, S	Topsoil 2; brown clay 14; blue clay 61; grey clay 87; grey clay gravel 104; soft grey clay 117; cemented gravel clay streaks 148; silty sand 167; fine sand 172; clay 173. Water from 168 to 172.
ERS Range I lot 17	L. Orris	D. Kent	June 27, 1964	5	4	50	48	"	"	Yellow clay 14; grey clay 75; cemented gravel 78; dirty coarse sand 80; cemented gravel 90; gravel clay balls 99; gravel coarse sand 102. Water at 101.
ERS Range I lot 22	Penhale Farms	E. Hoover & Son	June 24, 1964	5 1/2	3	60	40	"	D, S	Topsoil 1; red clay 30; blue clay 80; clay stones 112; sand gravel 115. Water at 112.

\* See end of Appendix C for the meanings of abbreviations and symbols.



ELGIN COUNTY - cont. Yarmouth Twp. - cont. Talbot Road North TEN lot 58 St. Thomas PUC	International Water Supply Ltd.	Mar. 19, 1964	2	58	T 1-64	Brown clay 11;grey clay 40;grey clay gravel streak 65; sandy grey clay gravel streak 77;sandy grey clay dirty gravel 132;sand gravel clay streaks 157;gravel boulders sand streaked 102;sandy grey clay gravel streaked 280; brown fine stone. Brown clay 10;grey clay 42;grey clay gravel streak 76;sandy grey clay gravel streak 111;sandy grey clay 120;sandy grey clay gravel streaked 154;gravel boulders sand streaked 184; gravel clay sand 197. Water at 153. Brown grey clay 59;grey clay gravel streaks boulders 76; sandy grey clay small boulders gravel streaks 100;grey clay 118;grey clay gravel 136;sand gravel 143;sandy grey clay gravel streaks 153;gravel sand coarse gravel boulders 170;clay streak packed sand gravel 177;sand gravel boulders 185. Water at 136 and 152. Blue clay 90;gravel 98. Water from 90 to 98. Brown clay 15;hard sand 100;hardpan 106;gravel Water at 106.
TEN " 58 St. Thomas PUC	"	Apr. 2, 1964	8	58	Fresh T 2-64	Brown clay 10;grey clay 42;grey clay gravel streak 76;sandy grey clay gravel streak 111;sandy grey clay 120;sandy grey clay gravel streaked 154;gravel boulders sand streaked 184; gravel clay sand 197. Water at 153. Brown grey clay 59;grey clay gravel streaks boulders 76; sandy grey clay small boulders gravel streaks 100;grey clay 118;grey clay gravel 136;sand gravel 143;sandy grey clay gravel streaks 153;gravel sand coarse gravel boulders 170;clay streak packed sand gravel 177;sand gravel boulders 185. Water at 136 and 152. Blue clay 90;gravel 98. Water from 90 to 98. Brown clay 15;hard sand 100;hardpan 106;gravel Water at 106.
TEN " 58 St. Thomas PUC	"	Sept. 4, 1964	12	550 84	"	Brown grey clay 59;grey clay gravel streaks boulders 76; sandy grey clay small boulders gravel streaks 100;grey clay 118;grey clay gravel 136;sand gravel 143;sandy grey clay gravel streaks 153;gravel sand coarse gravel boulders 170;clay streak packed sand gravel 177;sand gravel boulders 185. Water at 136 and 152. Blue clay 90;gravel 98. Water from 90 to 98. Brown clay 15;hard sand 100;hardpan 106;gravel Water at 106.
TEN " 59 J. Evely " 60 Yarmouth " Church Parson- age	C. Warren W. McBeth	Jan. 24, 1964 July 25, 1964	5 5 1/2	63 5 60	Fresh D S	Blue clay 90;gravel 98. Water from 90 to 98. Brown clay 15;hard sand 100;hardpan 106;gravel Water at 106.
TEN " 60 H. Jordan	W. Dale	Oct. 22, 1964	5	61	"	Well previously drilled 60;cemented gravel 97;sand 100. Water from 97 to 100.
TEN " 60 V. Barker	W. McBeth	May 21, 1965	5 1/2	70	"	Blue clay 50;hardpan 105;blue clay 151;hardpan 160;gravel 165. Water at 160.
TEN " 60 K. Gioin	W. Dale	Sept. 20, 1965	5	85	"	Fill 2;brown clay 18;grey clay 54;grey clay gravel 98;grey clay 105;cemented gravel 135;muddy gravel 136;cemented gravel 141;gravel 143. Water from 141 to 143. Clay 56;sandy clay 70;gravel 100. Water from 85 to 100.
TEN " 61 W. Jones Ltd.	Hedco Waterwell Drilling	Oct. 30, 1964	5 1/2	70	"	Blue clay 92;gravel 100. Water from 92 to 100.
TEN " 62 K. Mann	C. Warren	Feb. 26, 1964	5	75	"	Previously drilled 61;sand 77;sand 90;sandy clay 91. Water from 87 to 90.
TEN " 62 W. Fallon	W. Dale	Aug. 20, 1964	5	63	D S	Blue clay 50;hardpan 105;blue clay 151;hardpan 160;gravel 165. Water at 160.
TEN " 63 W. Demo	C. Warren	July 18, 1965	5	9	"	Fill 2;brown clay 18;grey clay 54;grey clay gravel 98;grey clay 105;cemented gravel 135;muddy gravel 136;cemented gravel 141;gravel 143. Water from 141 to 143. Clay 56;sandy clay 70;gravel 100. Water from 85 to 100.
TEN " 64 G. Lackey	E. Mitchell	May 5, 1965	5	64	"	Blue clay 92;gravel 100. Water from 92 to 100.
TEN " 66 T. Bates	C. Warren	July 2, 1965	5	80	"	Previously drilled 61;sand 77;sand 90;sandy clay 91. Water from 87 to 90.
TEN " 73 B. Richardson	E. Mitchell	Sept. 18, 1964	5	85	"	Blue clay 50;hardpan 105;blue clay 151;hardpan 160;gravel 165. Water at 160.
Talbot Road South TBS lot 60 N. Saviter	W. Dale	Sept. 30, 1965	5	67	Fresh D	Blue clay 92;gravel 100. Water from 92 to 100.
TBS " 64 D. McGregor	Hedco Well Drilg. & "igging Ltd.	June 21, 1967	5	70	"	Previously drilled 61;sand 77;sand 90;sandy clay 91. Water from 87 to 90.
TBS " 65 J. Hepburn	C. Warren	Mar. 6, 1965	4	10	"	Blue clay 50;hardpan 105;blue clay 151;hardpan 160;gravel 165. Water at 160.
TBS " 65 B. Schaeffer	E. Mitchell	June 19, 1967	5	85	"	Blue clay 92;gravel 100. Water from 92 to 100.
TBS " 66 V. Graves	E. Mitchell	Nov. 15, 1965	5	82	"	Blue clay 50;hardpan 105;blue clay 151;hardpan 160;gravel 165. Water at 160.
TBS " 67 F. Helder	E. Hoover & Son	July 4, 1967	5	82	"	Blue clay 92;gravel 100. Water from 92 to 100.
TBS " 67 G. Coleman	W. Burwell	Oct. 6, 1967	5	7	"	Blue clay 50;hardpan 105;blue clay 151;hardpan 160;gravel 165. Water at 160.
TBS " 73 Cemetery	Warren Water Well	Sept. 27, 1967	3	20	"	Blue clay 92;gravel 100. Water from 92 to 100.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
ESSEX COUNTY										
Anderson Twp.										
Con I	J. Brown	Lucier Well Drlg.	Mar.-25, 1964	3	5	45	20	Fresh	D	Topsoil 2;ired clay 19;blue clay 40;clay sand 50;sand 54;soft white rock 75. Water at 75.
Con I	C. Sooley	R. McPherson Drlg.	Aug. 8, 1967	4	40	10	6 1/2	Sulphur	Ir	Yellow clay 8;coarse gravel 35;limestone 45. Water at 40.
Con I	J. Watsonville	S. Hutchins	Oct. 3, 1967	3	6	25	16	Fresh	D	Yellow clay 18;blue clay 44;sand 46;gravel 48. Water at 48.
Con I	N. Beneteau	"	Apr. 16, 1966	3	4	25	18	"	D, S	Yellow clay 18;blue clay 54;sand 56;limestone 65. Water at 65.
Con III	D. Wismer	D. Sundin	Oct. 27, 1964	4	5	48	35	"	D	Pit 5;yellow clay 5;blue clay 30;fine grey sand 41;blue clay stones 53;grey limestone 75. Water at 70.
Con III	P. D. Bailey	"	Oct. 19, 1964	3	1	70	35	Sulphur	D	Yellow clay stones 12;blue clay 48;gravelly sand clay 56; Grey limestone 80. Water at 68.
Con III	K. Cake	S. Hutchins	Apr. 15, 1967	3	4	50	24	"	D	Yellow clay 20;blue clay 45;sand 60;shell rock 63. Water at 63.
Con III	I. Brush	Lucier Well Drlg.	Oct. 16, 1965	4	5	50	20	"	D	Topsoil 2;ired clay 20;blue clay 40;hardpan 65;soft white rock 78. Water at 75.
Con III	Dr. K. Rock	"	Aug. 25, 1965	4	5	18	10	Fresh	D	Topsoil 2;ired clay 20;blue clay 55;hardpan 60;soft grey rock 64. Water at 64.
Con VI	R. Bezaire	D. Sundin	Sep. 9, 1966	4	2 1/2	80	20	Sulphur	D	Yellow clay 12;blue clay 70;fine grey sand blue clay 71;grey limestone 110. Water from 100 to 110.
Con VI	Ferndale Farms	Lucier Well Drlg.	Mar. 22, 1965	3	10	20	15	"	D, S	Topsoil 2;ired clay 20;blue clay 30;hardpan 38;soft grey rock 51. Water from 48 to 51.
Con VI	L. Shepley	J. Smith	Sep. 24, 1964	3		63	17	"	N	Yellow clay 12;blue clay 26;gravel 38;sand 68;limestone 102. Water at 102.
Con VI	Shusts Turkey Farm Ltd.	Lucier Well Drlg.	May 5, 1964	3	5	22	10	"	S	Topsoil 3;ired clay 10;blue clay 32;hard white rock 38. Water at 38.
Con VI	R. Woolison	"	Apr. 11, 1967	4	15	18	12	"	D, S	Topsoil 1;ired clay 19;blue clay 68;grey limestone 70. Water at 69.
Con VII	M. Coyle	S. Hutchins	Aug. 29, 1964	3	3	65	24	"	D	Yellow clay 20;blue clay 68;sand 73;gravel 75. Water at 75.
Con VII	S. Carnahan	D. Sundin	Jan. 6, 1964	4	10	15	12	"	D	Clay topsoil 1;blue clay 53;gravel 54. Water at 54.
Con VII	Shust Turkey Farms Ltd.	E. Hernandez	July 30, 1966	4	10	50	33	"	S	Drilled previously 37;limestone 58. Water at 55.
Con VII		Lucier Well Drlg.	July 14, 1965	4	8	30	20	"	D, S	Topsoil 2;ired clay 20;blue clay 25;hardpan 34; sandstone 35; Limestone 40. Water from 38 to 40.
Con VII	A. Renaud	D. Sundin	Feb. 3, 1966	4	3	55	12	"	D	Yellow clay 10;blue clay 65;grey limestone 85. Water at 85.
Con VII	G. Lucier	A. Lucier	May 22, 1967	4	10	20	16	"	D	Topsoil 1;ired clay 19;blue clay 75;grey hardpan 82;grey limestone 85. Water from 83 to 84.
Con VII	G. Farr	Lucier Well Drlg.	Nov. 28, 1964	3	5	20	12	Fresh	D	Topsoil 2;ired clay 20;blue clay 50;clay sand gravel 70;hardpan 85. Water from 82.
Con VIII	R. Renaud	W. Hernandez	Oct. 2, 1964	4	5	40	13	"	D, S	Loam 1;ired clay 17;blue clay 65;hardpan 69;sand 75. Water at 75.
Con VIII	W. Tendrik	Lucier Well Drlg.	June 10, 1966	4	6	18	10	"	D	Topsoil 2;ired clay 20;blue clay 60;hardpan 65;soft grey rock 70. Water from 65 to 70.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.

Con VII	Colchester North Twp.	lot 16	W.Staudt	G.Sundin	Apr.22,1966	4	5	40	21	Sulphur	D,S	Clay 34;sand clay 82;fine sand 94;soft limestone 100. Water at 100.
Con VII	"	" 18	A.Vincent	D.Sundin	Apr.10,1967	4	3	60	26	Fresh	D,S	Yellow clay 10;blue clay 60;blue clay fine grey sand 70;hard topsoil 73. Water at 73.
Con VIII	"	" 20	D.Teskey	E.Hernandez	Dec.29,1967	4	5	40	13	Sulphur	D	Topsoil 1;clay 2;sand 30;blue clay 48;fine sand 115;lime-stone 11. Water at 116.
Con IX	"	" 20	D.Taylor	D.Sundin	Apr.24,1965	4	5	48	17	Fresh	D,S	Topsoil 1;yellow clay 10;blue clay 80;grey sand 85;blue clay 105;sand 107;gravel 108. Water at 108.
Con X	"	" 17	B.Mills	"	Apr.26,1967	4	5	75	28	"	D	Topsoil 1;yellow clay 10;blue clay 80;grey sand 85;blue clay 105;sand 107;gravel 108. Water at 108.
Con X	"	" 21	R.&G.Tytgat	G.Sundin	Aug.24,1964	4	3	60	25	Sulphur	D,S	Gravel 111. Water from 110 to 111.
Con XI	"	" 4	A.Malenfant	D.Sundin	June30,1967	4	3	90	25	Fresh	D	Clay 60;hardpan 87;sand 113;soft limestone 128. Water at 128.
Con XI	"	" 6	F.Malenfant & Sons	"	Aug. 7,1965	4	1	90	20	"	D	Clay topsoil 1;yellow clay 10;blue clay 90;sand gravel blue clay 104;grey shale fine grey sand 106;grey limestone 108.
Con XII	"	" 9	L.Jones	W.Hernandez	Nov.22,1965	3	2½	65	25	"	D	Topsoil 1;yellow clay 10;blue clay 85;sand gravel clay 96;grey limestone 97. Water at 96.
Con XII	"	" 9	"	"	Nov. 8,1965	3	3	60	25	"	M	Clay 60;fine sand 66;hardpan 80;layered sand hardpan 96;Water at 111.
Con XIII	lot 3	L.Meloche	Lucier Well Drig	"	Jan. 5,1965	3	5	60	40	Fresh	D	Clay 103;hardpan 105;fine sand 107;brown limestone 109;very fine sand. Water at 109.
Con XIII	"	6	R.Wurch	"	July 7,1965	4	5	50	30	"	D	Topsoil 2;red clay 22;blue clay 70;clay sand 95;hardpan 100;rook. Water at 100.
Con XIII	"	12	D.Wright	Johnston Bros.	May 4,1966	3	5	50	32	"	D	Topsoil 2;red clay 20;blue clay 70;gravel 71;hardpan 95;Gravel 100. Water at 100.
Con XIII	"	12	"	"	Apr.26,1966	3	5	50	40	"	D	Clay 110;sand gravel 123;brown limestone 124. Water at 124.
Con XIII	"	16	H.Pinkerton	"	June10,1964	3	6	50	40	"	D	Clay 96;sand gravel 114;brown limestone 118. Water at 118.
Con XIV	"	1	P.Paquette	E.Hernandez	Apr.26,1967	4	10	35	22	"	D	Yellow clay 10;blue soft clay 117;sand gravel 118;brown lime-stone 135. Water at 135.
Con XIV	"	3	B.Meloche	Lucier Well Drig.	Mar.20,1966	4	10	40	20	Sulphur	D	Clay 66;sandy clay 74;blue clay 88;medium sand 93;shale. Water at 93.
Con XIV	"	4	H.Pettypiece	D.Sundin	May13, 1965	4	5	40	32	Fresh	D	Topsoil 2;red clay 18;blue clay 80;hardpan 100;soft grey rock 103. Water at 111.
Con XIV	"	11	A.Tofflemire	E.Hernandez	Apr.22,1967	4	10	55	33	"	Ir	Topsoil 1;yellow clay 10;blue clay 107;shale sand 108;grey limestone 126. Water from 123 to 126.
MEN	"	1	T.Woods	Lucier Well Drig.	Aug. 6,1965	3	4	20	10	Sulphur	D	Clay 66;sandy clay 80;blue clay 106;hardpan stones 116;sand 118;hard brown limestone 120. Water at 119.
MEN	"	1	L.Dorey	"	Aug. 7,1965	3	4	20	10	Fresh	D	Topsoil 2;red clay 20;blue clay 60;hardpan 65;gravel 70;white limestone 71. Water from 65 to 70.
MEN	"	6	J.Lapsin	"	July20,1966	4	5	35	30	"	D	Topsoil 2;red clay 20;blue clay 60;hardpan 65;gravel 68. Water from 65 to 68.
MEN	"	17	"	"	June29,1966	4	8	30	20	Sulphur	D	Topsoil 2;red clay 18;blue clay 50;hardpan 53;clay 61;hardpan 64;sand 67;soft grey rock 75. Water from 70 to 75.
MEN	"	21	J.Edwards	W.Hernandez	Oct.16,1964	3	3	40	25	Fresh	D	Topsoil 2;red clay 20;blue clay 70;sand 90;hardpan 98;soft grey rock 104. Water at 100.
MEN	"	21	D.Myers	D.Sundin	Nov.12,1965	3	3	40	30	"	D	Clay 3;blue clay 82;limestone 83;gravel 84;hardpan. Water from 82 to 84.
MEN	"	1	R.Williams	J.Smith	Apr.14,1965	3	5	20	15	"	D,S	Topsoil 1; yellow clay 10;blue clay 79;blue clay stones 83;blue clay fine grey sand 87;grey limestone 93. Water at 93.
MEN	"	3	J.Doza	"	July12,1964	3	5	63	18	Sulphur	D	Brown clay 12;blue clay 29;sand 69;gravel 80. Water from 69 to 80.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE	LOG AND REMARKS *	
											(Depicts to which formation entered below the surface are given in feet)	
ESSEX COUNTY - cont.												
Colchester North Twp. - cont.												
MRS	"	4 S. Zolnierski	W. Hernandez	Sep. 17, 1966	4	10	38	20	Fresh	D	Previously drilled 74; brown limestone 84. Water at 84.	
MRS	"	5 C. Smith	D. Sundin	Sep. 11, 1964	4	3	60	19	"	D	Yellow clay 10; blue clay 60; blue clay fine sand 80; hardpan 87; grey limestone 98. Water at 88.	
MRS	"	6 P. Tinto	E. Hernandez	May 4, 1967	4	10	30	22	"	D, S	Clay, 66; sand clay 75; medium sand 85; shale 85. Water from 84 to 85.	
MRS	"	7 G. Quedneu	"	Oct. 14, 1967	4	7	16	8	"	D	Topsoil 1; clay 70; sand clay 72; limestone shale 74. Water at 74.	
MRS	"	7 P. Gannon	Lucier Well Drig.	Jan. 25, 1965	4	6	38	18	"	D, S	Topsoil 2; red clay 20; blue clay 68; quicksand 76; hardpan 81; soft grey rock 87. Water at 87.	
MRS	"	10 C. Gross	E. Hernandez	June 1, 1967	4	4	55	15	"	D	Fill 2; clay 66; gravel 68; clay 75; sand 80; brown limestone 91. Water at 91.	
MRS	"	10 K. Shepley	"	Aug. 23, 1967	4	5	22	13	"	D	Topsoil 1; clay 78; brown limestone 81. Water at 80.	
MRS	"	10 E. Dorcy	"	Aug. 18, 1967	4	10	22	16	"	D	Topsoil 1; clay 78; brown limestone 80. Water at 79.	
MRS	"	19 H. Calhoun	Lucier Well Drig.	Aug. 20, 1964	5	10	23	15	"	D, S	Topsoil 2; red clay 20; blue clay 60; clay sand 88; hardpan 90; soft light rock 92. Water at 91.	
MRS	lot 20	C. Brockman	W. Hernandez	July 3, 1965	4	4	50	14	Sulphur	D	Red clay 18; blue clay 52; brown limestone 69. Water at 69.	
MRS	"	"	"	July 3, 1965	4	2	80	22	"	N	Red clay 28; blue clay 50; brown limestone 84. Water at 84.	
MRS	"	"	"	Dec. 17, 1966	7	10	50	15	"	D	Clay loam 2; grey clay 65; hardpan 70; white limestone 75. Water at 70.	
MRS	"	21 J. Sweet	Johnston Bros.	Apr. 25, 1964	3	5	40	24	Fresh	D	Yellow clay 12; blue clay 68; sand gravel stones 90; brown limestone 92. Water at 92.	
MRS	"	26 D. Klingtille	D. Sundin	June 26, 1967	4	8	35	24	"	D	Yellow clay 10; blue clay 80; sand gravel 105; shale fine sand 113; grey limestone 114. Water from 105 to 114.	
MRS	"	27 R. Colennutt	"	Oct. 15, 1966	4	5	55	40	"	D	clay topsoil 1; yellow clay 10; blue clay 105; gravel fine grey sand 114; grey limestone 118. Water at 118.	
MRS	"	28 P. Colennutt	W. Hernandez	Aug. 31, 1967	4	1 1/2	114	22	"	N	Red clay 17; blue clay 81; sand 83; hardpan 109; sand clay 116; limestone. Water at 116.	
MRS	"	"	"	Sep. 6, 1967	4	10	30	18	"	S	Red clay 10; blue clay 87; hardpan 112; sandstone 114; fractured limestone 115 1/2. Water at 115 1/2.	
Colchester South Twp.												
Con II	lot 1	R. Shepley	W. Hernandez	Apr. 30, 1964	3	3	40	20	Fresh	D	Loam fired clay 30; blue clay 80; hardpan 85; gravel 87; limestone 125. Water at 87 and 125.	
Con II	"	Ont. Dept. of Highways	E. Hernandez	Oct. 1, 1964	7	6	46	30	"	P	Topsoil 1; yellow sand 6; quicksand 8; blue clay 80; quicksand 85; soft brown limestone 105. Water at 98.	
Con II	"	W. McLean	S. Hutchins	Mar. 5, 1966	3	2 1/2	90	40	"	D	Clay 18; blue clay 60; sand 62; blue clay 88; limestone 113. Water at 110.	

Con	II	lot	3	W.Langlois	D.Sundin	Nov. 25, 1967	4	8	65	50	Fresh	D,S
Con II	"	6	J.Moulder	G.Sundin	Sep. 13, 1967	4	4	80	16		"	D
Con II	"	7	W.Payne	D.Sundin	Feb. 3, 1965	3	2	50	10		"	D
Con II	"	8	H.Mulder Jr.	"	Aug. 29, 1964	3	10	20	8		"	D
Con II	"	8	J.Balvert	"	Sep. 24, 1964	3	15	30	3		"	D
Con II	"	8	E.Baylis	"	Dec. 31, 1964	4	1	50	3		"	D
Con II	"	8	I.Wilson	"	Jan. 12, 1965	3	1 1/2	30	Flows		"	D
Con II	"	8	Clark's Food Ltd.	M.Hernandez	Oct. 28, 1965	6						N
Con II	"	8	I.Mulder	"	Oct. 18, 1965	3	4	35	5		Fresh	D
Con II	"	8	A.Balvert	D.Sundin	May 20, 1966	3	8	20	Flows		"	D
Con II	"	12	P.Martins	M.Hernandez	Aug. 7, 1967	4	8	20	16		"	D
Con II	"	12	J.Simoes	"	Aug. 18, 1967	8	30	25	17		"	Ir
Con II	"	14	B.Beaudoin	D.Sundin	Nov. 17, 1964	4	3	60	12		"	D
Con II	"	19	A.Grant	"	Dec. 29, 1965	3	8	20	10		"	D
Con II	"	19	F.Kanter	"	May 4, 1966	4	5	20	11		Sulphur	D
Con II	"	19	J.Noel	"	July 7, 1967	4	4	70	10		"	D
Con II	"	19	C.Cox	G.M.Sundin	Nov. 8, 1966	4	5	27	9		Fresh	D
Con III	"	6	D.&O. Baylis	D. Sundin	July 30, 1964	4	10	30	17		"	D
Con III	"	9	Rev.E.Smith	W.Hernandez	May 4, 1966	3	3	24	14		Sulphur	D
Con III	"	14	E.Ford	D.Sundin	Aug. 18, 1966	4	5	22	12		Fresh	D
Con III	"	15	H.Horner	G.Sundin	Mar. 17, 1967	4	1 1/2	75	3		"	D

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)									
ESSEX COUNTY - cont. Colchester South - cont. Con III lot 17	D. Webster	D. Sundin	Dec. 13, 1966	4	12	20	12	D	Clay topsoil 1; yellow clay 8; blue clay 30; fine grey sand 48; clay gravel hardpan 54; blue clay 68; fine grey sand 70; grey limestone 80. Water at 80.
Con III	H. Milburn	M. Hernandez	Nov. 15, 1967	4	5	45	12	D	Clay loam 2; grey clay 40; quicksand 76; hardpan 81; sharp sand gravel 96. Water at 96.
Con III	G. McLean	G. Sundin	Nov. 31, 1965	3	4 1/2	Flows	Flows	D	Clay 19; sand 20. Water at 20.
Con IV	L. Nolana	"	Apr. 4, 1966	4	2	60	13	D	Clay 62; sand 66; limestone 110. Water at 110.
Con IV	L. Ennis	D. Sundin	Oct. 5, 1966	4	10	20	10	D	Clay topsoil 1; yellow clay 12; blue clay 5; fine grey sand 75; blue clay fine grey sand 86; gravel blue clay fine sand 96; grey limestone 105. Water at 105.
Con IV	W. Deslippe	"	Apr. 6, 1967	4	10	40	12	S	Yellow clay 10; blue clay 45; blue clay fine grey sand 65; fine grey sand and gravel 80; shale sand gravel 85. Water at 85.
Con IV	H. Wieler	M. Hernandez	May 7, 1964	4	10	35	18	D	Dark water at 97 sand 20; quicksand 86; hardpan 90; shale rock 96. Water at 97.
Con IV	J. Slanka	"	Oct. 11, 1960	3	5	80	7	D	Clay 22; fine sand 50. Dry hole.
Con IV	V. Munroe	G. Sundin	Nov. 24, 1967	4	5	20	10	"	Dark loam 2; clay 31; coarse sand 35; fine sand 58; clay 83; sand 97; rock 92. Water at 92.
Con IV	M. Kimball	"	Sep. 20, 1967	4	20	20	10	"	Clay 2; quicksand 96; coarse sand 97. Water at 97.
Con IV	S. Elford	"	May 4, 1966	4	20	8	Flows	"	Clay 32; sand 36; soft clay 60; rock 95. Water at 95.
Con IV	E. McGill	"	Jan. 21, 1966	4	3	30	17	Sulphur	Clay 20; quicksand 77; rock 86. Water at 86.
Con IV	"	"	Dec. 12, 1966	4	10	15	5	Fresh	Clay 58; sand 62; gravel. Water at 62.
Con IV	J. Neilson	D. Sundin	Jan. 5, 1966	4	4	55	19	"	Clay topsoil 1; yellow clay 8; blue clay 20; blue clay stones 30; blue clay 48; fine grey sand 96; grey shale fine grey sand 80; grey limestone 82. Water at 82.
Con V	R. Verduysee	"	Aug. 15, 1966	4	1	65	15	Sulphur	Previously drilled 67; fine grey sand clay gravel 70; grey limestone. Water from 67 to 70.
Con V	N. Fulmer	E. Hernandez	June 28, 1965	4	30	15	7	Fresh	Topsoil 1; yellow clay 8; blue clay 74; sand 78; shale limestone 87. Water from 80 to 87.
Con V	J. VandenDriesche	"	July 1, 1965	4	30	15	7	"	Topsoil 1; clay 70; sand clay 79; brown limestone 87. Water at 85.
Con V	R. Dupuis	M. Hernandez	Oct. 2, 1965	3	5	20	7	"	Clay 73; sand 79; limestone 87. Water at 87.
Con V	T. Shura	"	Oct. 4, 1966	4	10	10	Flows	"	Clay 60; sand clay 80; limestone 82. Water at 82.
Con V	W. Perriss	E. Hernandez	Nov. 25, 1966	4	5	30	3	"	Clay 70; sand 89; limestone 94. Water at 92.
Con V	"	M. Hernandez	Sep. 25, 1967	4	65	17	7	"	Fill 18; grey clay 70; sand gravel 86; white limestone 89. Water at 89.
Con V	R. Verduysee	D. Sundin	Aug. 1, 1966	4	5	32	18	"	Dug well 22; blue clay 58; clay fine sand 67; sand gravel. Water at 67.
Con V	D. Johnson	"	Aug. 2, 1965	4	5	30	17	"	Clay topsoil 1; yellow clay 10; blue clay 14; fine grey sand 15; blue clay 31; hardpan 32; blue clay 51; hardpan 52; gravel sand. Water at 52.
Con V	E. Johnson	"	Mar. 10, 1966	3	2	40	20	Sulphur	Clay topsoil 1; yellow clay 8; blue clay stones 24; blue clay fine sand 38; fine grey sand 74; hard clay 76; fine grey sand 81; grey limestone 87. Water at 87.
Con VI	R. Dufour	"	Nov. 15, 1966	4	4	50	17	Fresh	Yellow clay 10; blue clay 55; fine grey sand 65; blue clay 85; blue clay gravel fine sand 88; grey limestone 97. Water at 97.
Con VI	"	"	Nov. 18, 1967	4	10	40	20	"	Yellow clay 12; blue clay 84; sand gravel shale 87; grey limestone 90. Water at 90.



ESSEX COUNTY - cont.					Colchester South - cont.									
Con VI	lot	5	N. Souliere	D. Sundin	Feb. 10, 1967	4	5	20	Flows	Sulphur	D, S			
Con VI	"	21	D. Smith	"	Oct. 8, 1965	4	7	25	21	"	D, S			
Front Con.	"	37	J. Bellasieger	Hadco Well Drilling Ltd. W. Hernandez	June 9, 1965	30	2	30	18	Fresh	P			
"	"	41	A. Szabo	"	Apr. 11, 1966	4	3	100	7	Sulphur	D			
"	"	41	"	"	Apr. 16, 1966	4	5	30	12	Sulphur	D			
"	"	43	M. Woodbridge & Son	D. Sundin	June 24, 1964	4	5	30	12	Sulphur	D			
"	"	43	G. Reid	"	Aug. 30, 1966	3	10	20	8	"	D			
"	"	45	S. Bailey	"	June 7, 1965	4	4	25	9	"	D			
"	"	48	K. James	"	May 9, 1964	3	10	20	Flows	"	D			
"	"	48	R. Atkins	"	June 2, 1964	3	2	30	"	Fresh	D			
"	"	49	Lakeside Packing Co.	"	Jan. 18, 1964	4	8	25	6	Sulphur	In			
"	"	49	A. Buchanan	"	June 17, 1964	3	4	25	2	Fresh	N			
"	"	49	"	"	July 3, 1964	3	10	25	2	"	D			
"	"	49	Lakeside Packing Co.	"	Apr. 12, 1966	4	7	35	3	Sulphur	In			
"	"	51	R. Filtoft	W. Hernandez	Apr. 1, 1964	"	"	"	"	Fresh	N			
"	"	51	"	"	Apr. 20, 1964	4	5	23	19	"	D			
"	"	51	H. Wright & Son	W. Hernandez	Sep. 4, 1965	8	100	50	28	"	Ir			
"	"	51	"	"	July 27, 1966	8	"	"	24	"	Ir			
"	"	51	"	Mandley Drig. Co. Ltd.	May 17, 1967	8	1500	44	40	"	Ir			
"	"	52	J. Cairrera	M. Hernandez	Aug. 15, 1965	8	100	45	28	"	Ir			
"	"	52	"	"	June 29, 1966	8	300	"	28	"	Ir			
"	"	52	F. Hessling	D. Sundin	Aug. 14, 1964	4	5	40	25	"	D			
"	"	54	K. Butler	"	May 27, 1964	2	35	4	4	"	Ir			

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
										(Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Colchester South - cont. Con Front lot 54	S. Teskey	D. Sundin	Apr. 30, 1965	4	5	35	21	Fresh	D	Sandy topsoil 1; yellow sand 3; grey sand 16; blue clay 30; grey sand 53; hardpan 66; blue clay 93; hardpan 94; blue clay 120; shale sand 123; grey limestone 124. Water at 122 and 124.
Con "	D. Whaley	W. Hernandez	Dec. 29, 1967	4	4	122	29	"	D, S	Loam 1; clay reddish brown 18; fine sand 20; blue clay 43; hardpan 80; hardpan fine sand 121; white limestone 181. Water at 181.
Con "	H. McCormick	"	Dec. 1, 1967	4	5	80	23	"	P	Pit 7; sand 15; clay sand hardpan 103; gravel 104; hardpan 111; sand 114; hardpan 120; limestone 132. Water at 132.
Con "	J. Aughton	"	Feb. 5, 1964	3	4	36	25	"	D	Sandy loam 1; boulders 12; red clay 35; sand 39; blue clay 75; fine sand 80; hardpan 85; fine sand 4; white limestone 98. Water at 98.
Con "	G. Simmone	"	July 23, 1964	4	2 1/2	70	24	"	D	Loam 1; red clay 40; sand 45; blue clay 79; sand 87 1/2. Water at 87 1/2.
Con "	A. Houle	M. Hernandez	May 2, 1964	6	15	32	26	"	D	Black topsoil 2; grey sandy soil 16; quicksand 23; grey clay 90; hardpan 94. Water at 102.
Con "	R. Knight	E. Hernandez	July 25, 1966	4	5	50	28	"	D	Sand 9; limestone 101. Water at 100.
Con "	J. Dusa	E. McPherson Drlg	Aug. 26, 1967	4	9	44	28	"	D	Yellow clay 15; blue clay 35; quicksand 95; grey limestone 111; brown limestone 126. Water at 121.
Con "	R. Duney	D. Sundin	Aug. 10, 1964	4	5	45	31	"	D	Pump pit 5; fine grey sand 85; clay sand 93; shale 96. Water at 96.
Con "	P. King	"	Oct. 1, 1964	4	5	45	33	"	D	Black topsoil 1; clay sand 20; coarse sand 30; fine grey sand 83; blue clay 91; grey limestone 96. Water at 96.
Con "	N. Gorsaleki	"	Sep. 8, 1965	4	5	45	29	"	D	Sandy topsoil 1; gravel 6; yellow sand 12; fine grey sand 60; blue clay fine grey sand 92; grey shale quicksand 95; grey limestone 101. Water at 100.
Con "	T. Cox	W. Hernandez	Mar. 28, 1967	4	10	40	25	"	D	Sandy loam 1; sand 2; yellow clay 19; sand clay 25; sand 99; limestone 102. Water at 102.
Con "	L. Lankin	E. Hernandez	Dec. 2, 1965	4	4	50	33	"	D	Topsoil 1; clay 20; quicksand 40; clay sand mixed 90; hardpan 95; shale 97; limestone 102. Water at 101.
Con "	J. Halmosi	"	Oct. 5, 1967	4	5	65	30	"	D	Topsoil 1; sand 80; sandy clay streaks 85; sand 92; limestone 113. Water at 111.
Con "	R. Babity	D. Sundin	Aug. 29, 1966	4	3	30	28	"	D	Sand fill 1; black topsoil 2; yellow sand 10; grey sand 70; blue clay fine grey sand stones 96; grey limestone 103. Water at 103.
Con "	G. Jacobs	M. Hernandez	June 27, 1964	7	15	55	37	"	D	Black sandy soil 18; grey clay 20; quicksand 94; shale rock 104; black mud 105; grey limestone 136. Water at 136.
Con "	R. Lypps	D. Sundin	Oct. 1, 1965	4	7	30	23	"	D	Black topsoil 2; yellow sand clay 6; blue clay fine grey sand 58; blue clay 85; grey shale clay fine grey sand 88; grey limestone 90. Water at 90.
Con "	E. Alexander	"	July 2, 1965	4	5	30	28	"	D	Topsoil 1; yellow clay sand 10; blue clay fine grey sand 20; grey sand 83; blue clay fine grey sand 89; grey limestone 91. Water at 91.
Con "	W. Pastorius	E. Hernandez	June 26, 1966	4	5	35	27	"	D	Topsoil 1; clay 12; sand 88; limestone 92. Water at 92.
Con "	B. Wright	W. Hernandez	Apr. 14, 1967	4	10	40	25	"	D	Black loam 1; clay 2; sand 7; clay 30; sand clay 10; white limestone 103. Water at 104 1/2.
Con "	E. Glassco	D. Sundin	May 1, 1964	4	6	25	18	"	D	Black topsoil 1; yellow sand 8; fine grey sand 72; fine grey sand blue clay 78; hardpan stones fine grey sand 87; hard grey limestone 88. Water at 88.

ESSEX COUNTY - cont.  
Colchester South - cont.  
Con Front lot 72

Con	"	"	73	G. Mulqueen	D. Sundin	May 21, 1965	4	5	35	20	Fresh	D	Topsoll 1; yellow sand 4; yellow clay 10; blue clay 20; fine grey sand 30; blue clay sand 80; hardpan stones sand 91; grey limestone 94. Water at 94.
Con	"	"	74	H. Bohr	"	June 8, 1964	4	6	16	16	"	D	Red clay 6; yellow sand 8; blue clay 20; fine grey sand 40; blue clay fine grey sand 59; grey limestone 73. Water at 73.
Con	"	"	74	R. Fields	E. Hernandez	June 30, 1965	4	5	20	17	"	D	Yellow clay 12; fine grey sand 73; blue clay 74; grey shale gravel 95. Water at 75.
Con	"	"	75	R. Valois	E. Hernandez	July 16, 1967	4	5	22	21	"	D	Topsoll 1; yellow sand 17; clay 82; sand 90; shale 93; limestone 133. Water at 30.
Con	"	"	76	W. Hahn	D. Sundin	Feb. 18, 1964	4	5	22	12	"	D	Yellow clay 3; blue clay 25; fine grey sand 35; blue clay fine sand 77; grey limestone 84. Water at 84.
Con	"	"	76	P. Bourget	"	July 23, 1964	3	15	25	14	"	D	Black topsoil 2; yellow clay 8; fine grey sand 74; blue clay fine sand 84; hard grey limestone 86. Water at 86.
Con	"	"	76	P. Bourget	"	Aug. 21, 1965	4	5	60	17	"	D	Black topsoil 1; yellow clay 10; fine grey sand 60; blue clay fine grey sand 80; grey shale fine grey sand 82; grey limestone 120. Water at 120.
Con	"	"	76	J. Wagner	W. Hernandez	Mar. 10, 1966	3	3	50	17	"	D	Clay 33; sand 40; clay 60; sand hardpan 83; brown limestone 103. Water at 103.
Con	"	"	76	E. Saertort1	"	Mar. 18, 1966	3	3	60	17	"	D	Clay 33; sand 38; hardpan 50; sand 72; hardpan 80; sand 83; brown limestone 124. Water at 124.
Con	"	"	76	"	"	June 22, 1965	3	3	21	14	"	D	Black loam fired clay 26; sand 35; blue clay 60; hardpan 70; sand 78; brown limestone 81; sand 85; brown limestone 106. Water at 106.
Con	"	"	76	P. Connell	"	Dec. 17, 1966	7	5	20	5	"	D	Clay 40; sand clay 68; rock limestone 70; sand 70; limestone 80. Water at 80.
Con	"	"	77	V. Kakkola	"	June 15, 1966	4	20	30	13	"	D	Yellow clay 18; grey sand 60; hard blue clay 80; gravel 81; soft grey limestone 86. Water at 86.
Con	"	"	77	B. Tuck	Lucier Well Drig.	Aug. 10, 1964	3	3	60	30	"	D	Topsoll 2; red clay 20; blue clay 30; sand 72; hardpan 80; sand 87; hard grey rock 95. Water from 90 to 95.
Con	"	"	81	R. Richards	D. Sundin	June 9, 1966	4	1 1/2	90	7	"	D	Topsoll 1; yellow clay 12; sand gravel 18; gravel 30; fine grey sand 50; hardpan 65; blue clay fine grey sand stones 75; soft grey limestone 99. Water at 83.
Con	"	"	81	M. Tuzyk	"	July 13, 1967	4	4	75	4	"	D	Black topsoil 1; yellow clay 10; blue clay 19; gravelly sand 30; fine grey sand 50; blue clay fine grey sand 65; hardpan fine grey sand 76; grey limestone 90. Water from 88 to 90.
Con	"	"	82	E. Latcham & G. O'Brien	Lucier Well Drig.	June 15, 1964	4					N	Topsoll 2; red clay 20; blue clay 40; sand 60; hardpan 70; sand boulders 74.
Con	"	"	82	R. Prior	D. Sundin	Dec. 7, 1964	4	5	30	12	Fresh	D	Clay 25; grey sand 58; clay 70; fine grey sand 76; grey limestone 78. Water at 78.
Con	"	"	82	G. Latcham	"	June 1, 1965	4	1 1/2	85	7	"	D	Black topsoil 1; yellow clay 10; blue clay stones 20; blue clay fine grey sand 46; hard blue clay 55; blue clay fine grey sand 70; grey shale fine grey sand 75; grey limestone 95. Water at 87.
Con	"	"	85	E. Kitchen	Lucier Well Drig.	June 5, 1964	3	6	15	6	"	D	Topsoll 2; red clay 18; blue clay 40; hardpan 57; solid grey rock 63. Water at 63.
Con	"	"	85	W. Borre	"	Oct. 25, 1965	4	5	30	10	"	D	Topsoll 2; red clay 20; blue clay 40; hardpan 60; sand 63; soft grey rock 82. Water at 80.
Con	"	"	85	E. Pattison	D. Sundin	Apr. 19, 1965	3	15	20	5	"	D	Sand fill 1; yellow clay 8; fine sand blue clay 50; hardpan 60; gravel fine sand 63; grey limestone 68. Water at 68.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Colchester South - cont.										
lot 85	V. Bestien	W. Hernandez	June 15, 1966	3	10	25	2 1/2	Fresh	D	Sand 11 clay 40; clay sand 60; limestone 62. Water at 62.
lot 88	I. Williams	Lucier Well Drig.	Nov. 18, 1964	3	5	12	6	"	D	Topsoil 2; red clay 20; blue clay 40; clay sand 50; hardpan 62; sand 65; soft grey rock 70. Water at 70.
"	"	E. Hernandez	July 6, 1966	4	10	18	6	"	P	Topsoil 1; clay 5; sand 67; grey limestone 73. Water at 71.
"	Delaney Cottages	"	June 30, 1967	4	15	23	3	"	D	Topsoil 1; clay 50; sand coarse gravel 60; brown limestone 70 to 96.
"	F. Mauser	"	Mar. 16, 1966	4	40	20	4	"	C	Clay 67; sand gravel 72; grey limestone 80. Water at 80.
"	J. Pigeon	D. Sundin	May 26, 1966	4	10	20	14	"	D	Topsoil 1; yellow clay 12; blue clay 65; gravel sand 67; grey limestone 71. Water at 71.
"	A. Kieckle	"	Aug. 16, 1967	4	5	50	13	"	D	Topsoil 1; yellow clay 10; blue clay 73; sand gravel 75; grey limestone 90. Water from 88 to 90.
"	C. Langlois	"	June 25, 1964	3	6	25	10	"	D	Topsoil 2; red clay 18; blue clay 50; clay sand 70; hardpan 80; soft grey rock 90. Water at 90.
"	L. Maitre	Lucier Well Drig.	July 17, 1966	4	5	50	10	"	D	Topsoil 1; clay 60; clay sand 78; limestone 108. Water from 90 to 106.
"	C. McArthur	E. Hernandez	Dec. 11, 1965	4	4	20	8	"	D	Topsoil 1; clay 70; sand gravel 75; shale 76; limestone 86. Water at 85.
"	W. Lloyd	"	Dec. 23, 1965	4	4	50	5	"	D	Topsoil 1; clay 65; sand gravel 75; shale 79; limestone 89. Water at 87.
"	C. Zabornick	"	Nov. 4, 1965	4	20	15	10	"	D	Topsoil 2; red clay 20; blue clay 50; hardpan 60; shale 65. Water at 64.
"	R. Paquette	Lucier Well Drig.	Jan. 6, 1966	4	1 1/2	90	3	"	D	Topsoil 1; clay 60; clay gravel 66; sandstone 85; blue grey lime stone 100. Water from 85 to 90.
"	M. Coyne	E. Hernandez	Apr. 7, 1964	3	30	15	7	"	D	Black topsoil 1; yellow clay 10; blue clay 60; blue clay grey sand 71; grey limestone 82. Water at 82.
"	D. Pylar	D. Sundin	Aug. 2, 1964	3	5	29	8	"	D	Topsoil 2; red clay 18; blue clay 50; sand gravel clay 61; hard rock 73. Water from 71 to 73.
"	Service Plumbing & Heating	Lucier Well Drig.	Aug. 31, 1967	4	10	15	6	"	D	Topsoil 1; clay 12; sand shale 73; limestone 80. Water at 79.
"	R.P. Filippiak	E. Hernandez	Sep. 15, 1966	4	10	10	4	"	D	Topsoil 2; red clay 18; blue clay 40; sand clay 60; gravel 64; soft rock 65. Water from 64 to 65.
"	E. Gillan	Lucier Well Drig.	Aug. 4, 1964	3	5	21	14	"	D	Fill 2; blue clay 30; sand 40; blue clay 69; hardpan 70; sand 71; sandstone 77 1/2. Water at 77 1/2.
"	G. St. Louis	W. Hernandez	July 27, 1965	3	5	18	6	"	D	Topsoil 2; red clay 20; blue clay 50; hardpan 62; white limestone 68. Water at 66.
"	"	Lucier Well Drig.	Apr. 17, 1964	4	5	40	28	"	D	Black topsoil 2; yellow clay 10; blue clay 65; fine grey sand 106; shale sand 111; grey limestone 115. Water at 115.
"	D. Fox	D. Sundin	Nov. 25, 1964	4	5	45	33	"	D	Clay topsoil 2; yellow clay 10; blue clay 53; hardpan 103; shale sand gravel 114; grey limestone 121. Water at 119.
"	G. McLean	"	June 26, 1964	4	15	20	7	Sulphur	D	Black topsoil 1; yellow clay 10; blue clay 45; blue clay sand 100; grey limestone 103. Water at 103.
"	H. Doevelling	"	Nov. 22, 1967	4	2	130	13	Fresh	D	Topsoil 1; clay 80; fine sand 110; limestone 170. Water at 120.
"	B. Day	E. Hernandez	Jan. 17, 1966	4	5	20	7	"	D	Topsoil 1; sand 9; quicksand 85; clay sand 110; coarse sand 113; limestone 119. Water at 117.
"	W. Perrisse	"	Mar. 23, 1966	6			17	"	T	Brown silty sand and silt seams 5; light brown silty fine sand 11; light brown medium sand 14; light brown fine sand 18; grey fine sand silt seams 28; grey medium to fine sand 33; grey clayey silt 34. Water at 18.
"	OWEC	Faulkner Well Drilling								

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
ESSEX COUNTY - cont. Gosfield North Twp. cont. TEN	J. Seaborne	D. Sundin	Oct. 24, 1966	4	5	45	25	Fresh	D	Black topsoil 1; sandy soil 4; yellow clay 10; blue clay 90; grey sand 95; blue clay 114; grey shale 116; blue clay 125; grey shale gravel sand 128. Water at 128.
TBS	D. Williamson	G. Sundin	July 8, 1966	4	14	30	6	"	D,S	Clay 22; sand 45; clay 87; sand 88; gravel 90. Water at 90.
TBS	Essex County Canners Ltd.	"	July 31, 1967	6	5	85	31	"	In	Clay 2; sand 5; clay 119; sand gravel 126; shale 130; rock 137; rock 150. Water at 137 and 150.
Gosfield South Twp.										
Con II	J. Meritt	D. Sundin	Apr. 21, 1966	3	6	25	15	Sulphur	D	Dug well 12; blue clay 57; fine grey sand 72; blue clay fine grey sand 86; gravel sand 87; grey limestone. Water at 87.
Con II	A. Teggart	"	June 14, 1965	4	3	25	13	Fresh	D	Concrete reservoir 20; blue clay stones 32; sand. Water at 32.
Con II	Twp Municipal Hall	M. Hernandez & Son	June 28, 1965	3	30	15	5	"	C	Fill 4; dark clay 6; lake sand 19; clay sand 38. Water at 6.
Con II	J. Onellette	"	Dec. 17, 1966	10	3	5	4	"	D	Black loam 1; grey clay 5; black quicksand 39; grey clay 75; sharp sand 84. Water at 84.
Con II	1 Twp. Public School	"	Apr. 30, 1964	7	10	75	10	"	P	Black loam 2; grey clay 6; gravel 18; grey clay 103; fine sand 112; mixed gravel sand 116. Water from 112 to 116.
Con III	S. Johnson	E. Hernandez	Dec. 5, 1967	4	5	40	15	Sulphur	D,S	Topsoil 1; sandy clay boulders 42; quicksand 60; blue clay stones 80; quicksand 86; unconsolidated limestone 97. Water at 90.
Con III	K. Jackman	M. Hernandez	May 9, 1967	6 1/2	25	40	3	Fresh	P	Clay loam 2; white clay 11; hardpan 115; shell 118. Water from 115 to 118.
Con III	M. Sanctuary	"	July 6, 1964	3	6	10	6	"	D	Black loam 2; sand 36; gravel 40. Water from 36 to 40.
Con III	G. Bailey	D. Sundin	July 29, 1965	4	7	35	8	"	D	Concrete tile 15; fine grey sand 60; blue clay sand 115; grey limestone 126. Water at 126.
Con III	E. Boose	"	Sep. 22, 1965	4	7	45	16	"	C	Yellow clay sand 10; grey sand 12; blue clay fine grey sand 118; grey limestone 135. Water at 134.
Con III	D. Reed	"	Jan. 12, 1965	7	20	23	20	"	D	Yellow sandy topsoil 2; gravel 14; quicksand 17; blue clay 85; quicksand 101; grey limestone 106. Water from 106 to 108.
Con III	8 G. Bruner	M. Hernandez	June 25, 1964	8	15	158	80	"	D	Yellow sand 2; gravel brown clay 80; quicksand 170; hardpan 196; gravel 201; grey shale 212. Water from 196 to 201.
Con III	11 H. Fischer	"	Aug. 28, 1964	4	5	40	12	"	D,S	Loam 1; blue clay 33; sand 39; blue clay 76; layers fine sand clay 92; hardpan 103; sand 113. Water at 39 and 113.
Con IV	8 G. Vegh	W. Hernandez	Oct. 25, 1967	4	3	23	8	"	D	Topsoil 1; clay 36; quicksand 80; fine sand 115; sand 117; limestone 120. Water at 119.
Con IV	16 C. F. Allen	E. Hernandez	Mar. 24, 1964	4	5	20	11	"	D	Dug well 13; clay 25; gravelly sand 57; grey limestone 68. Water at 68.
Con V	3 A. Thurston	D. Sundin	Oct. 6, 1966	4	7	18	12	"	D,S	Clay 40; quicksand 78. Water at 81.
Con V	4 M. Verschueren	G. Sundin	Nov. 10, 1967	4	5	35	13	"	D,S	Dug well 20; blue clay 30; gravelly sand 55; fine grey sand blue clay 89; hardpan 99; fine grey sand 108; sand shale 113. Water at 113.
Con V	11 D. MacPherson	"	Aug. 15, 1967	4	5	30	6	Sulphur	D	Dug well 12; blue clay 30; fine grey sand gravel 50; blue clay 81; shale sand 82. Water at 82.
Con V	12 A. Wigle	"	Feb. 16, 1965	4	5	20	3	Fresh	D	Topsoil 1; blue clay 42; grey sand 47; clay sand 60; blue clay 81; sand gravel 82; hardpan. Water at 82.
Con V	12 W. Springer	"	Aug. 8, 1966	4	30	15	3	Sulphur	D	Black clay topsoil 1; yellow clay 10; blue clay 40; clay hardpan 60; blue clay 84; grey sand 87; grey limestone 107. Water at 107.

\* See end of Appendix C for the meanings of abbreviations and symbols.



ESSEX COUNTY - cont.											
Gosfield South Twp. -cont.											
Con V	lot 12	E.Mumby	D.Sundin	June 9, 1967	4	15	5	3	Sulphur	D	Yellow clay 10; blue clay 20; blue clay fine grey sand 50; sand gravel 60; blue clay 87; grey limestone 108. Water at 108.
Con V	"	N.Sonnenberg	R.McPherson Drlg.	Nov.20, 1967	4	15	25	5	"	D	Topsoil 2; yellow clay 27; blue clay 50; fine sand 78; large stones 83; grey limestone 102. Water from 99 to 102.
Con V	"	N.Degoey	M.Hernandez	Feb. 6, 1964	5	5	60	56	Fresh	D	Light yellow sand 2; grey clay 70; gravel 87; quicksand 96; sharp sand 105. Water from 70 to 87.
Con I	EDFC	Allied Veget- able Farms Ltd	"	Dec. 6, 1965	8	20	50	18	Sulphur	Ir	Surface clay 69; gravel 75; grey limestone 295; dark shell 297; grey limestone 337. Water at 75 and 297.
Con I	EDFC	G.Bruner	"	Dec.30, 1964	5			20	Fresh	N	Yellow sand 2; gravel 14; quicksand 17; blue clay 87; quicksand 103; grey limestone 108; gravel fine sand 112. Water from 108 to 112.
Con I	WD	N.Baumert	E.Hernandez	June 18, 1966	4	10	15	8	Sulphur	D	Topsoil 1; sand 7; quicksand 70; sand clay 90; sand gravel 95; sand 118; limestone 126. Water at 121.
Con I	WD	E.Moore	D.Sundin	Sep.14, 1965	4	5	20	18	Fresh	D	Yellow clay 12; blue clay 20; grey sand 55; blue clay sand 65; shale fine grey sand 68; grey limestone 73. Water from 65 to 68 and at 73.
Con I	WD	J.Deneau	"	Apr.22, 1964	3	12	30	19	"	D	Black topsoil 1; yellow clay 10; blue clay stones 25; fine grey sand 62; blue clay sand 65; shale sand 67; soft grey limestone 69. Water at 69.
Con I	WD	lot 9	G. Sundin	Aug. 1, 1966	4	12	20	3	Sulphur	D	Lake sand 7; clay 32; sand 53; soft rock 90. Water at 90.
Con I	WD	R. Pontikis	"	Aug. 3, 1966	4	10	18	2	Fresh	D	Lake sand 7; clay 35; sand 52; rock 55. Water at 55.
Con I	WD	F. Bilham	"	Feb. 4, 1966	4	10	12	10	"	D	Dug well 20; quicksand 72; rock 76. Water at 76.
Con I	WD	G. Morferton	"	May 29, 1967	4	20	12	3	Sulphur	D	Lake sand 7; clay 38; quicksand 48; rock 55. Water from 53 to 55.
Con I	WD	D. Atherton	"	Oct.17, 1966	4	1	70	5	Fresh	D	Clay 38; quicksand 53; rock 75. Water at 75.
Con I	WD	D. Hawley	"	Oct.14, 1966	4	9	12	5	"	D	Blue clay 40; sand 52; rock 56. Water at 56.
Con I	WD	J. Morin	"	Dec.21, 1966	4	8	20	2	Sulphur	D	Clay 38; sand 51; rock 53. Water at 53.
Con I	WD	Lorenzen Farms	W. Hernandez	Sep.23, 1967	3	4	20	20	Fresh	D	Dug well 20; sand 31; clay sand 36. Water at 31.
Con I	WD	L. Firsirot	D. Sundin	May 7, 1964	3	5	20	10	Sulphur	D	Black topsoil 1; light sand 6; blue clay 20; fine grey sand 45; clay fine sand 60; clay gravelly sand 64; gravel 65. Water at 65.
Front Con	WD	"	L. Sundin	May 29, 1964	4	5	30	17	"	S	Blue clay 30; stone 35; sand 94; rock. Water at 94
Front Con	WD	"	"	July 14, 1964	3	7	25	17	"	D	Yellow clay 10; blue clay 17; fine grey sand 45; blue clay fine grey sand 66; shale fine grey sand 70. Water at 70.
Front Con	WD	"	"	July 18, 1964	3	2	30	4	"	D	Black topsoil 1; yellow clay 7; blue clay 37; fine grey sand 53; grey limestone 71. Water at 71.
Front Con	WD	"	G.Sundin	June 8, 1967	4	5	60	12	"	D	Clay 20; quicksand 78; rock 82. Water at 82.
Front Con	WD	B.Hardy	"	June 20, 1967	4	5	40	12	"	D	Clay 20; sand 76; rock 82. Water at 82.
Front Con	WD	J. Gerson	"	Nov.10, 1967	4	7	30	15	"	D	Clay 22; sand 54; clay sand 68; sand 72; rock 82. Water at 82.
Front Con	WD	J. Edgerton	"	June 28, 1967	4	10	30	15	"	D	Clay 4; sand 57; rock 62. Water at 62.
Front Con	WD	K. Delacere	"	June 10, 1965	4	5	20	12	"	D	Concrete reservoir 2; blue clay 42; fine grey sand. Water at 42.
Front Con	WD	B.Halsey	D.Sundin	July 8, 1965	4	30	15	4	"	D	Yellow clay fill 2; black soil 4; blue clay 44; blue clay fine grey sand 48; grey limestone 50. Water at 50.
Front Con	WD	J.Wanton	"	June 9, 1965	4	15	10	2	Sulphur	D	Lake sand 7; blue clay 46; gravel 47. Water from 46 to 47.
Front Con	WD	J. Davids	"	June 3, 1966	4	15	4	2	Fresh	D	Lake sand 7; clay 49; coarse sand 50. Water at 50.
Front Con	WD	Dr.J. Russo	G.Sundin								

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Gosfield South Twp. -cbnt.										
Front Con WD " 16	W. Kelly	D. Sundin	June 10, 1964	4	6	15	5	"	D	Clay topsoil 1;yellow clay 12;blue clay boulders 15;blue clay 47;gravel 53. Water at 53.
Front Con WD " 16	W. Mayville	G. Sundin	June 13, 1967	4	5	20	14	"	D	Clay 35;sand 44; gravel 45. Water from 44 to 45.
Front Con WD " 16	R. Tomlin	"	July 4, 1967	4	20	10	3	"	D	Clay 40;sand 47; rock 53. Water at 53.
Front Con WD " 17	A. St. Louis	D. Sundin	Apr. 9, 1965	4	5	15	2	"	D	Black topsoil 2;yellow clay 10;blue clay 43;gravel 45. Water at 45.
Front Con WD " 17	E. Toohig	G. Sundin	Mar.10, 1966	4	20	11	5	Sulphur	D	Sand 38;clay 42;sand gravel 48. Water at 48.
Front Con WD " 19	O. VarEyes	D. Sundin	July 7, 1964	4	2	35	1	Fresh	D	Yellow clay 10;blue clay 30; fine grey sand 46; grey lime-stone 47. Water at 47.
Front Con WD " 32	U. Balkwall	"	May 2, 1966	4	5	50	10	Sulphur	D	Black topsoil 1; yellow sand 3;blue clay 20; blue clay fine grey sand 60;blue clay 70;fine grey sand 84; grey lime-92. Water at 92.
Front Con WD " 32	J. Meleg	"	Feb.8, 1964	4	4	55	12	"	U	Dug well 20;blue clay fine grey sand 69;grey limestone 82. Water from 70 to 82.
Harrow Town										
	Clark Food Ltd	M.Hernandez	Oct.18,1965	6					T	Clay 8;sharp sand 10;clay layers sand 59;clay 62;fine sand 104;limestone.
	L.Butt	R.McPherson Drlg.	Oct.21,1967	4	6	70	8	Fresh	D	Topsoil 3;yellow clay 25;sand 60;quicksand 100;muddy brown limestone 110;grey limestone 136. Water from 128 to 136.
Kingsville Town Con I lot 2										
	J.Boldt	D.Sundin	Nov.21,1966	4	15	20	9	Fresh	D	Yellow clay 8;blue clay 15;fine grey sand 42;blue clay 52; fine grey sand 60;blue clay 65;fine grey sand 90;fine grey sand gravel 98;grey limestone 102. Water at 102.
Leamington Town										
	Pyramid Canners H.J.Heinz Co. of Can. Ltd.	M.Hernandez & Sons	May 22,1965	8	50	13	5	Fresh	In	Fill earth 4;grey clay 98;sandy gravel 111. Water from 98 to 111.
		International Water Supply Ltd.	Mar.31,1965	2			30		T	Sand fill 5;black sand silt wood ashes 24;blue clay 49;sand Gravel 60;silt sand 65;sand gravel 73;clay Gravel 76.

ESSEX COUNTY - cont.

Waldstone Twp. Belle River West BRW Con II lot 24	G. Gevaert	M. Williams	July 15, 1965	3	11	30	10	Sulphur	D, S	Clay 116; hardpan stone 125; grey limestone 129½. Water at 125 and 129½.
BRW Con II " 24	W. McMurren	J. Smith	July 29, 1966	3	6	12	10	"	D, S	Brown clay 13; blue clay 79; gravel 92; sand 123. Water at 124.
BRW Con III " 25	J. Renaud	"	July 3, 1966	3	5	18	13	Fresh	D, S	Brown clay 13; blue clay 86; gravel 100; sand 113; rock 117. Water at 117.
BRW Con III " 27	M. Johnston	Johnston Bros.	Mar. 10, 1967	4	3½	55	20	"	D, S	Topsoil 1; yellow clay 9; blue clay 90; brown limestone 91. Water from 90 to 91.
BRW Con IV " 19	C. Kogel	W. Hernandez	Aug. 6, 1966	4	4½	125	25	Sulphur	D	Clay 90; hardpan 92; brown limestone 126. Water from 102 to 105.
BRW Con IV " 19	"	"	July 21, 1966	4	½	129	25	"	N	Clay 40; fine sand clay 44; blue clay 80; hardpan 94; brown limestone 130. Water at 99.
BRW Con IV " 27	D. Hines	Johnston Bros	Aug. 24, 1965	4	6	50	25	Fresh	D	Yellow clay 6; blue clay 100; sand 102; brown limestone 104½. Water at 104½.
BRW Con V " 24	E. Ross	"	Apr. 29, 1965	3	1	40	15	Sulphur	N	Clay 104; sand fine flowing 106; brown limestone 131. Water at 131.
BRW Con VI " 14	P. Kennette	Lucier Well Drllg.	Nov. 6, 1964	4	3	60	30	"	D, S	Topsoil 2; red clay 20; blue clay 90; clay sand 120; hardpan 130; hard grey rock 132. Water at 132.
BRW Con VII " 16	W. Cline	Johnston Bros.	Feb. 23, 1965	4	3	80	15	"	D	Yellow clay 6; soft blue clay 98; sand 98½; brown limestone 120. Water at 113 and 120.
BRW Con VII " 24	A. St. Pierre	D. Sundin	Oct. 27, 1966	4	10	30	27	"	D	Clay topsoil 1; yellow clay 10; blue clay 105; fine grey sand gravel 110; grey limestone 113. Water at 113.
BRW Con VIII " 15	L. Eyraud	M. Hernandez	Oct. 30, 1966	4	5	45	24	Fresh	D, S	Clay 80; sand 93; limestone 96. Water at 94.
BRW Con IX " 16	L. Little	Johnston Bros.	Apr. 15, 1965	4	4	60	25	Sulphur	D, S	Clay 44; fine sand 88; hard blue clay 144; hardpan 160; sand 162; shale 167½. Water at 167.
BRW Con IX " 17	W. Little	S. Earl	Nov. 23, 1966	4½	½	100	20	"	W	Clay 84; limestone 132. Water at 118.
BRW Con IX " 18	W. Walstedt	Lucier Well Drllg.	June 5, 1965	4	1	95	40	Fresh	S	Topsoil 2; red clay 20; blue clay 80; sand clay 90; hardpan 103; hard rock 118. Water from 110 to 118.
BRW Con IX " 18	J. Walstedt	D. Lecuyer	Oct. 26, 1966	4	5	50	24	Sulphur	D	Clay 5; sand clay 8; clay 40; clay pebbles 86; coarse limestone shale 88½; fine brown limestone shale 88. Water at 88.
BRW Con IX " 18	"	"	Nov. 7, 1966	4	1½	28	"	Fresh	N	Clay 2; clay sand 15; clay few pebbles 42; clay gravel 113; lime 93; clay gravel 108; heaving gravel 110; clay gravel 113; lime stone hard shale 120; soapstone 123. Water at 108.
Malden Road North & South										
BRW Con IX " 18	A. Baker	J. Smith	Feb. 28, 1964	3	½	24½	24½	oil	D	Brown clay 10; blue clay 32; sand gravel 33; blue clay 50; sand 60; blue clay 90; light grey limestone 101½. Water at 100.
BRW Con IX " 18	W. Baker	D. Sundin	May 24, 1967	4	½	135	30	Fresh	D	Top clay soil 1; yellow clay 12; blue clay 87; sand gravel 90; grey limestone 145. Water at 140. Oil at 145, plugged last 5 feet.
BRW Con IX " 2	I. Jerome	"	Apr. 14, 1967	4	8	55	30	Sulphur	D, S	Black topsoil 2; yellow clay 10; blue clay 101; sand gravel 106. Water at 106.
BRW Con IX " 9	C. Vickard	"	Sep. 19, 1966	4	5	24	22	Fresh	D	Pump pit 4; yellow clay 10; blue clay 109; gravel 110; clay sand 112; hard grey limestone 113. Water at 113.
BRW Con IX " 13	O. Firth	M. Williams	July 1, 1964	3	8	6	6	"	D, S	Blue clay 8; hardpan 84; sand 90. Water from 84 to 90.
BRW Con IX " 13	A. Kwiatkowski	D. Sundin	Dec. 2, 1966	4	20	30	10	"	D	Dug well 20; blue clay 81; gravel sand blue clay 89. Water at 89.
BRW Con IX " 2	E. McCann	J. Smith	May 12, 1964	3	5	30	29½	Sulphur	D, S	Brown clay 14; blue clay 83; sand 101; hardpan 103; gravel 107. Water at 103.
BRW Con IX " 3	M. Doyle	D. Sundin	May 29, 1967	4	10	40	34	Fresh	D	Clay topsoil 1; yellow clay 10; blue clay 70; fine grey sand blue clay 100; gravel fine grey sand 107; grey limestone 108. Water at 108.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Maldenstone Twp. - cont. Malden Road South cont. MHS lot 5	L. Gilbert	J. Smith	June 14, 1965	3	1	50	32	Sulphur	D, S	Brown clay 13; blue clay 78; sand 103; gravel 113; hard grey rock 143. Water at 142.
MES " 7	P. Grant	D. Sordin	Feb. 15, 1966	3	3	52	32	"	D	Clay topsoil 1; yellow clay 10; blue clay 114; grey limestone 122. Water at 122.
MES " 8	C. Little	G. Sordin	Oct. 11, 1967	4	8	35	27	Fresh	D	Clay 108; sand 110; rock 111. Water at 111.
MES " 11	J. Quinlan	D. Sordin	Dec. 17, 1965	3	6	30	21	Sulphur	D, S	Topsoil 2; yellow clay 6; fine grey sand 8; blue clay 109; blue clay fine grey sand stones 113; grey limestone 126. Water at 126.
MES " 11	T. Johnston	Johnston Bros.	Jan. 18, 1967	4	5	40	24	Fresh	D	Blue clay 109; gravel 114. Water from 112 to 114.
MES " 12	G. Reeb	"	Apr. 24, 1965	3	5	45	25	Sulphur	D	Blue clay 94; sand 95; shale 96. Water at 96.
Talbot Road North 284	L. Bolohan	Lucier Well Drllg.	July 27, 1964	3	5	70	35	"	D	Topsoil 2; red clay 18; blue clay 108; clay sand 124; soft grey rock 128. Water at 128.
THN " 284	C. Vlasic	D. Sordin	Dec. 2, 1965	4	7	33	35	"	D	Yellow clay 12; blue clay 126; sand silt stones 128; dolomite 140. Water at 140.
THN " 284	P. McCloskey	Johnston Bros.	June 28, 1965	4	6	42	42	"	D	Yellow clay 8; blue clay 138; sand 119; brown limestone 130 1/2. Water at 130 1/2.
THN " 284	F. Babich	Lucier Well Drllg	Aug. 21, 1965	3	5	50	24	Sulphur	D	Topsoil 2; red clay 20; blue clay 110; hardpan 124; gravel 128. Water from 124 to 128.
THN " 284	N. Basan	D. Sordin	Sep. 14, 1966	4	5	33	33	"	D	Yellow clay 12; blue clay 123; shale sand 125; grey limestone 126. Water at 126.
THN " 288	W. Cowan	Johnston Bros.	Sep. 24, 1964	4	5	37	35	Fresh	D, S	Topsoil 6; blue clay 126; sand 128; brown limestone 130. Water at 129.
Talbot Road South 288	P. Ellis	"	July 7, 1965	4	6	35	32	"	D	Yellow clay 6; blue clay 125; sand 131; dark shale 132. Water at 132.
Malden Twp.	N. Hamill	S. Hutchins	Mar. 24, 1964	3	4	25	5	Fresh	D	Clay 22; blue clay 35; sand 44; limestone 46. Water at 46.
CG	M. Shmon	"	Apr. 7, 1964	3	4	25	10	"	D	Clay 38; sand 44; limestone 50. Water at 50.
CG	P. Hamill	"	Apr. 10, 1964	3	4	25	5	"	D	Clay 18; blue clay 38; sand 46; shell rock 47. Water at 47.
CG	Essex County Farm	M. Hernandez	Apr. 14, 1964	7	15	10	6	"	D	Black loam 2; grey clay 38; hardpan 41; coarse gravel 52. Water from 41 to 52.
CG	"	Lucier Well Drllg	July 20, 1967	4	10	8	2	"	D	Topsoil 2; red clay 20; blue clay 35; quicksand 49; soft grey rock 52. Water at 51.
CG	A. Lindburg	S. Hutchins	Apr. 15, 1964	3	4	20	4	"	D	Clay 25; blue clay 38; sand 47; limestone 48. Water at 48.
CG	W. Varney	"	Apr. 24, 1964	3	4	25	2	"	D	Sand 6; clay 20; blue clay 33; sand 44; gravel 47. Water at 47.
CG	P. Foster	"	June 10, 1964	3	5	25	2	"	D	Clay 3; blue clay 29; sand 45; hardpan 46; gravel 47. Water at 47.
CG	T. Krivak	Lucier Well Drllg	June 30, 1964	3	3	45	4	"	D	Topsoil 2; red clay 15; blue clay 35; sand 39; soft caving limestone 65. Water at 45 and 65.
CG	W. Hoebeke	S. Hutchins	July 30, 1964	3	4	25	8	"	D	Black muck 10; yellow clay 20; blue clay 30; sand 44; hardpan 45; sand 46; limestone 50. Water at 50.
CG	B. Mitchell	"	Aug. 1, 1964	3	4	25	8	"	D	Sand 5; yellow clay 20; blue clay 35; sand 44; hardpan 46; gravel 47. Water at 47.
CG	C. Kangas	W. Hernandez	Aug. 3, 1964	4 1/2	5	20	3	"	D	Blue clay 30; sand 32; blue clay 40; hardpan 43; gravel 45; brown limestone 47 1/2. Water at 45 and 47 1/2.
CG	W. Sherrin	S. Hutchins	Aug. 22, 1964	3	4	25	8	"	D	Sand 8; black muck 12; blue clay 36; sand 45; blue clay 55; sand 59; limestone 65. Water at 65.

\* See end of Appendix C for the meanings of abbreviations and symbols.

CG	D.East	S.Hutchins	Sep. 4, 1964	3	4	25	10	Fresh	D	Clay 18; blue clay 35; sand 38; hardpan 42; gravel 43. Water at 43.
CG	G.Seanon	"	Sep. 8, 1964	3	4	25	5	"	D	Black sand 5; yellow clay 20; blue clay 30; sand 43; limestone 45. Water at 45.
CG	V.Marney	"	Oct. 10, 1964	3	4	25	10	"	D	Sand 5; clay 40; sand 62; limestone 68. Water at 68.
CG	J.Robitaille	W.Hernandez	Jan. 11, 1965	4	4	25	8	"	D	Sand 5; clay 40; sand 44; grey rock 54. Water from 44 to 54.
CG	C.Daynes	S.Hutchins	Apr. 14, 1965	3	4	20	3	"	D	Clay 15; blue clay 30; sand 43; sandstone 46. Water at 43.
CG	W.Near	"	June 13, 1966	3	10	20	1	"	D	Yellow clay 17; blue clay 35; sand 42; limestone 48. Water at 48.
CG	A.Feliks	Lucier Well Drlg.	July 19, 1965	3	24	8	4	"	D	Topsoil 2; red clay 20; blue clay 35; shale 37; hardpan 46; soft grey rock 53. Water at 52.
CG	J.Oehaway	"	Sep. 6, 1965	3	20	10	3	"	D	Topsoil 2; red clay 20; blue clay 35; sand 46; soft grey rock 52. Water at 50.
CG	P.Renaud	"	June 12, 1965	3	30	10	6	"	D	Topsoil 2; red clay 20; blue clay 30; hardpan 42; soft grey rock 48. Water from 46 to 48.
CG	A.Martin	S.Hutchins	Sep. 9, 1967	3	10	25	42	"	S	Black loam 8; yellow clay 15; blue clay 58; hardpan 43; gravel 45. Water at 45.
Con I	lot 4	"	July 7, 1964	3	4	25	15	"	D	Clay 20; blue clay 40; sand 54; limestone 58. Water at 58.
Con I	5 Blue Haven Lodge	"	Mar. 3, 1984	3	4	25	15	"	Ir	Clay 20; blue clay 40; sand 41; limestone 43. Water at 43.
Con I	" 14 A.Kelly	"	Oct. 26, 1984	3	3	25	5	"	S	Yellow clay 18; blue clay 34; sand 35; gravel 36. Water at 36.
Con I	" 14 G.Niven	"	May 6, 1985	3	4	25	6	"	D	Yellow clay 20; blue clay 37; hardpan 38; gravel 39. Water at 39.
Con I	" 14 L.Piper	Lucier Well Drlg.	July 23, 1965	3	15	6	4	"	D	Topsoil 2; red clay 20; blue clay 36; soft grey rock 41. Water at 40.
Con I	" 14 N.Mathieson	S.Hutchins	Aug. 23, 1967	3	5	25	6	"	D	Yellow clay 17; blue clay 35; hardpan 38; gravel 39. Water at 39.
Con I	" 18 F.Moore	"	May 14, 1965	3	5	25	10	"	D	Yellow clay 18; blue clay 35; sand 44; limestone 53. Water at 53.
Con I	" 18 H.McBride	"	Aug. 4, 1966	3	5	25	9	"	S	Yellow clay 18; blue clay 44; fine grey sand 47; grey limestone 53. Water at 53.
Con I	" 18 D.Annibal	"	Dec. 6, 1967	3	8	25	1	"	D	Yellow clay 20; blue clay 41; sand 43; shell rock 44. Water at 44.
Con II	" 21 G. Court	"	June 11, 1965	3	5	25	10	"	D	Yellow clay 15; blue clay 29; sand 31; limestone 35. Water at 35.
Con II	" 24 B.MacGregor	D.Sundin	May 4, 1965	4	5	37	21	"	D	Clay 16; grey limestone 65. Water at 60.
Con II	" 27 C.Whittall	S.Hutchins	June 12, 1965	3	3	35	25	Sulphur	D	Yellow clay 18; blue clay 42; sand 44; limestone 48. Water at 48.
Con III	" 29 S.Hutchins	"	June 13, 1964	3	3	25	20	Fresh	D	Clay 36; blue clay 40; limestone 50. Water at 50.
Con III	" 24 H.Dent	"	Aug. 7, 1967	3	4	25	18	"	D	Yellow clay 15; blue clay 35; limestone 43. Water at 43.
Con III	" 29 Sauro Bros.	"	Aug. 29, 1967	3	4	25	17	"	D, S	Yellow clay 15; blue clay 37; hardpan 39; gravel 40. Water at 40.
Con III	" 31 M.Struher	"	Sep. 19, 1967	3	4	25	6	"	D, S	Yellow clay 23; blue clay 47; hardpan 49; sand 54; gravel 56. Water at 56.
Con V	" 44 M.Burns	"	July 16, 1966	4	3	60	34	"	D, S	Gravel 6; yellow clay 18; blue clay 70; limestone 80. Water at 80.
Con V	" 45 D.Paquette	D.Sundin	Dec. 23, 1966	4	3	58	27	"	D, S	Yellow clay 8; blue clay 20; blue clay fine grey sand 48; gravel clay fine grey sand 65; grey limestone 110. Water from 85 to 110.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
ESSEX COUNTY - cont.										(Depths to which formations extend below the surface are given in feet)
Walden Twp - cont.										
Con VI 46	C. Rebthoux	R. McPherson Drig.	Aug. 21, 1967	4	10	39	24	Fresh	D	Yellow clay 10; blue clay 70; grey limestone 88. Water at 85.
Con V 56	Ont. Dept. of Lands & Forests	C. Goodberry Well Drig. Ltd.	Mar. 25, 1967	6	15	16	2 1/2	"	P	Brown sand 7; brown clay gravel 22; grey salt 5 1/2; white coarse sand 55 1/2. Water from 5 1/2 to 55 1/2.
Con V 56	"	"	Apr. 1, 1967	6	10	60	2 1/2	Sulphur	P	Brown clay 11; grey silty clay 53; cemented sand 55; brown limestone 114. Water from 110 to 114.
Con VI 58	A. Petersak	Lucier Well Drig.	Apr. 17, 1965	3	10	20	6	Fresh	D	Topsoil 2; red clay 20; blue clay 45; hardpan 57; soft grey rock 69. Water from 61 to 69.
Con VI 58	A. Perskis	S. Hutchins	May 6, 1966	3	4	25	6	"	D	Sand 7; black muck 20; blue clay 48; sand 56; limestone 59.
Con VI 58	J. Sutherland	E. Hernandez	July 13, 1967	4	15	15	4	"	D	Topsoil 1; sand 8; blue clay 50; sand 56; grey limestone 64.
Con VI 67	E. Renaud	S. Hutchins	Aug. 21, 1965	3	4	30	17	"	D	Yellow clay 20; blue clay 68; sand 70; limestone 73. Water at 73.
Con VI 68	St. Theresa School	"	Mar. 16, 1964	4	4	60	22	"	P	Yellow clay 18; blue clay 67; sand 69; sandstone 75. Water at 74.
Con VI 71	J. Langlois	W. Hernandez	Sep. 31, 1965	3	4	22	14	"	D	Clay 68; gravel 69; limestone 73. Water at 73.
Con VI 71	K. Brush	S. Hutchins	Apr. 10, 1967	3	2	50	22	"	D	Yellow clay 15; blue clay 40; sand 45; blue clay 74; limestone 78. Water at 78.
Con VII 59	J. Taylor	"	June 5, 1965	3	4	30	4	"	D	Topsoil 1; sand 10; yellow clay 30; blue clay 35; sand 61; limestone 70. Water at 70.
Con VII 59	L. Erie Country Club	Lucier Well Drig.	Aug. 6, 1965	4	3	25	12	"	D	Topsoil 2; red clay 20; blue clay 50; sand 50; shale 64; hardpan 72; soft grey rock 106. Water at 100.
Con VII 59	G. Deutschlander	D. Sundin	Sep. 3, 1966	4	20	15	3	"	D	Lake sand 5; black soil 8; blue clay 52; gravel fine grey sand 57; grey limestone 88. Water at 68.
Con VII 60	J. Goodchild	Lucier Well Drig.	July 23, 1964	3	10	12	8	"	D	Topsoil 2; red clay 20; blue clay 58; clay sand 65; sand 67; soft grey rock 70. Water at 70.
Con VII 60	C. Ranta	"	June 25, 1965	4	5	20	10	"	D	Beach sand 4; marsh mud 15; red clay 30; blue clay 50; hardpan 61; white rock 70. Water from 68 to 70.
Con VII 60	E. Davidson	D. Sundin	July 6, 1965	3	8	15	10	"	D	Yellow clay 12; blue clay 60; grey shale 61. Water at 61.
Con VII 60	F. Pearson	S. Hutchins	June 26, 1965	3	4	25	8	"	D	Yellow clay 15; blue clay 50; sand 55; blue clay 60; hardpan 62; shell rock 64. Water at 64.
Con VII 60	J. Pearson	"	Aug. 4, 1967	3	5	25	8	"	D	Yellow clay 15; blue clay 54; sand 59; blue clay 64; sand 65; limestone 70. Water at 70.
Con VII 60	"	E. Hernandez	June 22, 1965	4	5	45	35	"	D	Topsoil 1; clay 4; quicksand 6; clay 35; quicksand 54; clay 76; gravel sand 83; brown limestone 95. Water at 89.
Con VII 76	A. Ufour	S. Hutchins	Oct. 21, 1964	3	4	65	35	"	D, S	Yellow clay 18; blue clay 63; sand 68; limestone 85. Water at 85.
Con VII 78	G. Cardusso	E. Hernandez	July 27, 1965	7	1 1/2	100	23	"	D, S	Topsoil 1; clay 12; blue clay 53; stones boulders 60; blue clay 70; sandstone 78; brown limestone 108. Water from 80 to 105.
Con VII 82	R. French	S. Hutchins	May 19, 1964	3 1/2				"		Clay 2; sand 4; clay 20; blue clay 65; sand 79; limestone 85; blue clay sand 100. Dry hole.
Con VII 82	R. French	"	June 6, 1964	3 1/2	1	100	40	Fresh	D, S	Clay 2; sand 5; clay 20; blue clay 78; sand 97; limestone 120. Water at 115.
Con VII 82	E. Wood	Lucier Well Drig.	Dec. 10, 1964	4	3	70	35	"	D, S	Topsoil 2; red clay 20; blue clay 70; hardpan 82; hard grey rock 95. Water at 95.
Con VII 82	J. Bailey	S. Hutchins	Mar. 11, 1967	3	1 1/2	90	35	"	D	Clay 15; blue clay 75; sand 87; limestone 120. Water at 88.

\* See end of Appendix C for the meanings of abbreviations and symbols.



ESSEX COUNTY - cont.  
Malden Twp. - cont.  
Con VII

Con VIII	"	86	S. Cipkar	J. Waldron	D. Sundin	July 21, 1967	4	5	70	41	Fresh	D	Clay topsoil 1; yellow clay 12; blue clay 30; fine grey sand blue clay 50; blue clay 85; gravel sand blue clay 82; grey limestone 96. Water at 96.
Con VIII	"	92	A. Pillon	S. Hutchins	"	Mar. 9, 1967	4	1	110	41	"	D	Black topsoil 1; yellow clay 12; blue clay 95; sand clay 97; grey limestone 114. Water from 100 to 110; sand clay 83.
Con VIII	"	93	Bastien & Buchanan	W. Hernandez	S. Hernandez	May 1, 1965	3	4	50	27	"	D	Black loam 2; yellow clay 20; blue clay 65; sand 82; gravel 83. Water at 83.
Con VIII	"	93	E. Mathews	M. Hernandez	"	Sep. 13, 1966	3	3	30	19	"	D	Clay loam 1; red clay 17; blue clay 67; gravel hardpan 73; white limestone 76. Water at 76.
Con VIII	"	93	J. Bezaire	"	"	Sep. 18, 1967	4	10	24	14½	"	D	Black loam 2; red clay 12; grey clay 70; loose shale 73; soft limestone 83. Water at 83.
Con IX	"	95	A. Agnette	"	"	Sep. 21, 1967	4	12	18	12	"	D	Black loam 2; reddish clay 14; grey clay 70; loose shell 78; soft grey limestone 89. Water at 89.
Con IX	"	96	J. Jakob	E. Hernandez	"	Sep. 14, 1967	4	15	20	14	"	S	Black loam 2; grey clay 65; hardpan 71; shell rock 75. Water at 75.
Con IX	"	97	D. Semancik	"	"	July 9, 1965	4	5	40	20	"	D, S	Topsoil 1; clay 50; cemented gravel boulders 55; clay 65; sandy clay 78; sandstone 83; brown limestone 89. Water at 88.
Con IX	"	101	W. Beetham	D. Sundin	"	July 14, 1965	4	5	45	22	"	D	Topsoil 1; clay 80; sandstone 87; brown limestone 96. Water at 95.
						Dec. 13, 1967	4	5	30	17	"	D, S	Yellow clay 10; blue clay 65; grey sand clay 81; gravel 82. Water at 82.

Marsea Twp.

Con II	lot	2	P. Mauro	Mandley Drilling	July 31, 1967	8	50	142	140	Fresh	In	Repair and development of a previously drilled well.
Con II	"	2	O. Mastronardi	"	Dec. 12, 1967	10	20	150	75	"	Ir	Sand 120; clay sand 140; sand fine gravel 191; brown limestone 305. Water at 191 and 294.
Con II	"	3	F. Cacciavillanti	M. Hernandez	June 16, 1965	3	50	30	18	"	In	Light sand 2; sharp sand 18; lake sand 38. Water from 18 to 38.
Con III	"	1	M. Seres	"	Apr. 10, 1965	8				"	Ir	Light sand 2; grey gravel 21; clay 45; sharp sand 94; quicksand 130; hardpan 165; quicksand 168; hard shell 179; white limestone 203; grey limestone 207. Dry hole.
Con III	"	1	E. Koop	"	Jan. 18, 1964	7	15	45	15	"	Ir	Yellow soil 3; grey gravel 22; grey clay 65; hardpan 69; gravel 75. Water from 69 to 75.
Con III	"	1	J. Brunato	"	Nov. 25, 1965	8	5	300	62	Sulphur	N	Sand clay 156; brown limestone 185; white limestone 300. Water at 156 and 300.
Con III	"	1	"	"	Mar. 2, 1966	4	8	64	12	Fresh	N	Sand gravel 21; fine sand clay 63; sand gravel 70. Water from 12 to 21 and from 63 to 70.
Con III	"	1	M. Seres	"	May 19, 1967	18	45	16	3	"	In	Yellow sand 2; grey gravel 18. Water from 3 to 18.
Con III	"	4	E. Morse	A. Wilkinson	Nov. 20, 1965	4	50	8½	½	"	D, S	Blue clay 39; gravel 51; quicksand 100; gravel 103. Water at 100.
Con III	"	6	Holmes Motors Ltd.	M. Hernandez	Aug. 20, 1966	8	5	48	40	"	D	Fill 3; sandy black loam 7; grey clay 47; hardpan shell gravel 76; grey limestone 87. Water at 79.
Con IV	"	6	E. Coulter	M. J. Williams	Jan. 13, 1964	3	15		16	"	D	Blue clay 80; hardpan 83; grey limestone 92. Water at 91.
Con IV	"	6	P. Cunningham	W. Hernandez	June 30, 1964	3	3	27	24½	"	D	Clay 35; sand 35½; grey limestone 39. Water from 28 to 39.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Merssea Twp. - cont.										
Con IV lot 7	M. Seres Farm	M. Hernandez	Apr. 20, 1967	8	0	0	0			Yellow sand 2; gravel 18; grey clay 138; hardpan 152; quicksand 170; hard grey limestone 260. Dry hole.
Con IV "	W. Wallace	M. Williams	Aug. 21, 1967	3	5	40	25	Fresh	D	Clay 74; limestone 49. Water at 49.
Con IV "	K. Weber	"	Aug. 13, 1964	3	10	20	10	"	D, S	Clay 74; hardpan 76; sand gravel 84. Water from 76 to 84.
Con V "	J. Seres	"	Sep. 3, 1965	3	30	30	30	"	D, S	Clay 50; sand hardpan 75; gravel 85. Water at 57 and from 75 to 85.
Con V "	J. Schmidt	"	Nov. 14, 1965	3	30	20	10	"	D	Clay 50; hardpan sand 70; gravel 82. Water at 52 and from 70 to 82.
Con V "	M. Foldesi	"	Nov. 3, 1964	3	10	20	5	"	D	Clay 87; hardpan 92; grey limestone 95. Water at 93.
Con V "	W. Redkop	"	June 5, 1964	3	25	30	10	"	D	Blue clay 90; hardpan 95; grey limestone 105. Water at 104.
Con V "	A. Urao	"	July 7, 1967	3	20	30	10	"	D	Clay 90; hardpan 113; limestone 126. Water at 126.
Con V "	K. Wesenberg	"	June 12, 1967	3	15	30	3	"	D	Clay 55; hardpan 60; sand gravel 70; limestone 95. Water at 60.
Con V "	C. Tetzlar	A. Wilkinson	Nov. 1, 1964	3	4	21	16	"	D	Grey clay 69; shale 73. Water from 69 to 73.
Con V "	A. Collison	N. Williams	May 2, 1967	3	30	30	10	"	D	Clay 85; hardpan 90; grey limestone 100. Water at 100.
Con V "	A. Weibe	"	June 6, 1967	3	30	30	10	"	D	Clay 85; hardpan 90; limestone 95. Water at 95.
Con V "	A. Collison	"	Oct. 27, 1967	3	20	30	10	"	D	Clay 92; hardpan 90; limestone 106. Water at 105.
Con VI "	S. Barneski	"	May 1, 1964	3	30	30	0	"	D, S	Blue clay 30; sand 58; coarse gravel 66. Water from 58 to 66.
Con VI "	P. Riessen	"	June 20, 1965	3	30	30	0	"	D, S	Blue clay 46; hardpan 50; fine gravel 56. Water from 50 to 56.
Con VI "	E. Whittle	"	July 13, 1964	3	10	30	10	"	D, S	Clay 40; hardpan 42; sand gravel 50.
Con VI "	R. Kettle	"	Dec. 10, 1965	3	30	30	10	"	D, S	Clay 40; hardpan boulders 114. Dry hole.
Con VI "	G. Murray	"	July 10, 1966	3	20	25	8	"	D	Clay 90; hardpan sand 114; white limestone 124. Water at 124.
Con VI "	P. Sawatsky	"	Dec. 22, 1966	3	20	25	8	"	D	Clay 90; hardpan 115; limestone 125. Water at 125.
Con VI "	T. Thomas	"	Apr. 7, 1967	8	110	15	15	Sulphur	In	Black sand 2; grey clay 102. Water at 132.
Con VI "	A. Epp	M. Hernandez	July 3, 1966	3	30	50	25	Fresh	D	Clay 96; hardpan 102; limestone 110. Water at 110.
Con VI "	G. Colliard	A. Wilkinson	Apr. 10, 1964	4	12	32	34	"	D, S	Blue clay 99; gravel 102; black shale 106. Water at 106.
Con VII "	Blytheswood	N. Williams	Apr. 1, 1965	4	15	120	26	Sulphur	P	Blue clay 105; hardpan 110; grey limestone 120. Water from 119 to 120.
Con VII "	Public School	"								
Con VIII "	T. Willet	"	Nov. 1, 1966	3	20	50	20	"	S	Clay 135; hardpan 140. Water at 140.
Con IX "	D. Gillanders	"	June 4, 1965	3	17	21	21	Fresh	D, S	Blue clay 95; hardpan 101; grey limestone 104. Water at 103.
Con X "	A. Douglas	"	Aug. 24, 1965	3	33	12	12	"	N	Clay 100; limestone 120.
Con XI "	A. Knight	"	Apr. 10, 1965	3	6	21	21	Sulphur	D	Blue clay 89; hardpan 95; grey limestone 96. Water at 96.
Con XI "	B. McCracken	"	July 5, 1965	3	6	40	22	"	D, S	Blue clay 100; hardpan 106; grey limestone 116. Water at 109.
Con XI "	B. McCracken	"	July 20, 1967	3	6	24	24	"	S	Clay 105; hardpan 108; limestone 118. Water at 114.
Con XI "	B. McCracken	"	July 28, 1967	3	25	30	22	"	D, S	Clay 105; hardpan 95; shale 96. Water at 95.
NTE "	A. Cross	M. Hernandez	Aug. 26, 1965	8	50	65	37	Fresh	In	New fill 3; grey clay 90; brown rock 112. Water at 96.
NTE "	L. Grossi	E. Hernandez	June 11, 1966	8	35	80	12	"	Ir	Sand 16; blue clay 60; sandy clay 67; limestone 145. Water from 80 to 130.
NTE "	J. Wilkinson	M. Williams	Aug. 21, 1967	3	2 1/2	50	30	"	D	Clay 41; limestone 61. Water at 46.
Felee Twp. Plan 364										
lot 18	A. Rumpage	W. Marsh	Aug. 28, 1965	5	1 1/2	70	10	Sulphur	D	Topsoil 3; grey limestone 77. Water at 22, 28, 55 and 70.
"	C. Hamel & R. Baurhaus	"	Sep. 30, 1964	6 1/2	12	25	15	Fresh	D, S	Clay 16; limestone 73. Water at 25 and from 50 to 55.
"	J. Salmeiv	"	Oct. 8, 1964	6 1/2	1	110	8	Sulphur	D	Sand silt 15; limestone 117. Water at 99.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.  
Pelée Twp. - cont.

Plan 384 " 35	lot 18 " 49	C.Christie E.Ferguson Hooper Farms W.Blackford	W.Marsh & Sons " " "	Oct.20,1964 Oct.2,1964 Aug.7,1965 Aug.18,1965	6 1/2 6 1/2 8 6 1/2	2 1	21 60	Flows 2 8	Fresh " Sulphur	D,S S D	Clay 1;grey sandstone 44. Dry hole. Clay stones 76;gravel sand 82. Water from 76 to 82. Topsoil stones 11;brown limestone 62. Water at 4. Topsoil stones 2;grey clay 7;grey limestone 64. Water at 37 and from 60 to 64.
Rochester Twp. BRE Con I	lot 16	Ont.Dept. of Highways	E.Hernandez	July31,1964	7	12	28	7	Sulphur	F	Topsoil 1;blue clay 110;sand gravel 113;loose limestone 113 1/2. Water from 113 to 113 1/2. Clay 103;limestone 105. Water at 105. Clay 102;hardpan 106;grey limestone 108. Water at 108. Blue clay 103;grey limestone 106. Water at 105. Yellow clay 6;blue clay 92;fine grey sand 98;gravel fine grey sand 99;grey limestone 101. Water at 101. Blue clay 118;hardpan 120;silty sand 124;grey limestone 126. Water at 126.
BRE Con VI	" 26	G.Detars	M.Williams	June15,1967	3	50	30	30	"	In	Clay 103;limestone 105. Water at 105.
BRE Con VII	" 28	R.Pillon	"	Sep. 6,1967	3	20	30	3	"	D,S	Clay 102;hardpan 106;grey limestone 108. Water at 108.
BRE Con VI	" 27	S.Olson	"	July 9,1965	3	33	30	7	"	D	Blue clay 103;grey limestone 106. Water at 105.
REN	" 8	L.Tracey	D.Sundin	Jan. 2,1967	4	5	40	8	"	D,S	Yellow clay 6;blue clay 92;fine grey sand 98;gravel fine grey sand 99;grey limestone 101. Water at 101.
MRS	" 3	J.O'Keef	M.Williams	June19,1964	3	16	2	2	"	D	Blue clay 118;hardpan 120;silty sand 124;grey limestone 126. Water at 126.
Sandwich South Twp. Con V	lot 6	D.Esping	G.Sundin	Oct. 3,1967	4	10	30	25	Fresh	D	Black clay 1;clay 85;sand clay 103;coarse sand 108;rock 120. Water at 120.
Con V	" 3	G.Curtis	E.Hernandez	June30,1967	4	10	20	12	Sulphur	D,S	Topsoil 1;yellow clay 16;blue clay 66;sandy clay 85;sand 90;hard grey limestone 93. Water at 92.
Con V	" 13	G.Jessop	Lucier Well Drig	Sep.25,1964	3	4	70	35	Fresh	D	Topsoil 2;red clay 20;blue clay 110;clay sand 120;hardpan 130;grey shale 135. Water at 135.
Con VI	" 1	J.Lock	E.Hernandez	Sep.27,1966	4	5	35	28	"	D	Topsoil 1;clay 80;hardpan 85;sand 90;limestone 94. Water at 93.
Con VI	" 3	A.Ujj	"	Sep.25,1966	4	5	48	30	"	D	Topsoil 1;clay 85;hardpan 90;sand 96 1/2;limestone 100. Water at 100.
Con VI	" 6	E.Cahill	Lucier Well Drig.	Sep.12,1964	3	5	45	30	"	D	Topsoil 2;red clay 20;blue clay 110;hardpan 116;soft grey rock 121. Water at 120.
Con VII	" 5	G.O'Neil	E.Hernandez	Sep.16,1966	4	5	50	30	Sulphur	D	Topsoil 1;clay 100;sandy clay 112;hardpan boulders 119;limestone 125. Water at 124.
Con VII	" 12	Globe Sheet Metal Co.Ltd.	Johnston Bros.	June18,1965	4	6	50	40	"	In	Yellow clay 6;blue clay 116;sand 121 1/2;shale 122 1/2. Water at 122 1/2.
Con VII	" 13	Windsor Food Terminal	M.Hernandez	Apr. 3,1964	5	10	40	38	"	C	Black loam 2;grey clay 110;hardpan stone 114;grey clay 117;grey shale 122. Water at 122.
Con VII	" 13	Central Spray Can. Ltd.	"	Nov. 3,1965	8	25	60	20	Oily	N	Fill 3;grey clay 72;grey limestone 145;dark rock 152. Water at 145.
Con VII	" 13	Altru Alignment	E.Hernandez	June19,1967	4	5	65	35	Sulphur	In	Fill 3;clay 20;blue clay 109;fine sand 112;hard grey limestone 114. Water at 113.
Con VII	" 16	R.Robinson	M.Hernandez	Sep.12,1964	5	6	45	20	Fresh	D	Black loam 2;grey clay 127;hardpan 130. Water at 130.
Con VII	" 16	R.Lajoie	E.Hernandez	Oct.22,1966	4	3	120	28	Sulphur	D,S	Topsoil 1;clay 120;grey streaks sand 133;hardpan 143;quick-sand 153;hard brown limestone 179. Water from 155 to 177.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont.										
Sandwich South Twp.-cont.										
Con VII	lot 16 S.S. # 1	E.Hernandez	Feb. 4, 1967	4	4	70	40	Sulphur	P	Topsoil 1; clay 80; sand 83; clay 120; clay sand streaks 135; sand 137; hard brown limestone 150. Water at 148.
Con VIII	" 2 M.Bellhop	D.Sundin	May 8, 1965	4	5	40	38	Fresh	D	Topsoil 1; yellow clay 10; blue clay 113; grey limestone 117. Water at 117.
Con VIII	" 6 G.Gemus	E.Hernandez	Nov. 10, 1966	4	4	75	328	"	D, S	Sand 8; clay 80; sandy clay 88; fine sand 92; hardpan 97; sand 103; limestone 113. Water at 111.
Con VIII	" 6 A.Ravitt	R.McPherson Drlg.	Aug. 15, 1967	4	40	55	36	"	D	Yellow clay 15; blue clay 85; sand 95; grey limestone 105. Water at 102.
Con VIII	" 11 Sandwich South Twp.	Lucier Well Drlg.	May 4, 1965	4	1	80	32	Sulphur	P	Topsoil 2; red clay 20; blue clay 60; sand clay 80; hardpan 103; soft white rock 124. Water from 112 to 124.
Con VIII	" 12 E.Riediger	"	June 15, 1964	4	8	50	20	"	D	Topsoil 1; red clay 22; blue clay 80; clay sand 100; sand gravel 106; soft grey rock 109. Water at 109.
Con VIII	" 14 G.O.Neil	D.Sundin	May 15, 1967	4	8	45	42	"	S	Topsoil 1; yellow clay 10; blue clay 55; blue clay fine grey sand 75; grey limestone 155. Water from 85 to 153.
Con VIII	" 16 H.Robinson	M.Hernandez	Sep. 11, 1964	5	10	125	20	"	N	Black loam 2; grey clay 124; gravel fine sand 136.
Con VIII	" 16 J.Shuttleworth	E.Hernandez	May 20, 1966	4	4	60	38	Sulphur	D	Topsoil 1; clay 100; sand clay 120; sand 136; limestone 156. Water at 154.
Con VIII	" 16 J.McCaffrey	Lucier Well Drlg.	July 25, 1966	4	5	35	25	"	D	Topsoil 2; red clay 20; blue clay 96; sand 125; hardpan 135; soft grey rock 140. Water from 138 to 140.
Con IX	" 1 E.Hartley	E.Hernandez	Feb. 15, 1967	4	5	42	40	"	D	Clay 22; sand 26; blue clay 80; clay sand 105; sand 109; limestone 111. Water at 111.
Con IX	" 16 A.Allen	M.Hernandez	Nov. 5, 1964	7	1	80	21	"	N	Black loam 2; red clay 20; running clay 110; hardpan 119. Water at 119.
Con IX	" 16 "	Lucier Well Drlg.	Oct. 17, 1964	4					N	Topsoil 2; red clay 22; blue clay 70; clay sand gravel 120; hardpan 141; shale 144; soapstone 164; limestone 175.
Con X	" 1 P.Izzak	E.Hernandez	Apr. 30, 1966	4	5	50	42	Fresh	D	Topsoil 1; red clay 15; blue clay 80; fine sand clay 112; grey limestone 115. Water from 114 to 115.
Con X	" 2 L.Collins	"	Feb. 22, 1967	4	2	90	37	Sulphur	D	Topsoil 1; clay 100; sand 104; limestone 107 1/2. Water at 106.
Con X	" 2 "	"	Mar. 1, 1967	4	4	70	40	Fresh	D	Clay 70; sandy clay 110; coarse gravel shale 112. Water at 112.
Con X	" 3 G.Collins	"	June 24, 1967	5	3	95	38	"	D, S	Topsoil 1; yellow clay 18; blue clay 80; sandy clay 90; medium sand 96; hard grey limestone 100. Water from 99 to 100.
Con X	" 10 D.Currie	S.Gilbert	May 7, 1964	3				Fresh	D	Yellow clay 20; blue clay 75; fine sand 110. Dry hole.
Con X	" 10 "	"	May 8, 1964	3	8	33	28	"	D	Yellow clay 7; blue clay 80; sand 95; coarse sand 105; coarse gravel 110. Water at 110.
Con X	" 10 E.Robinson	D.Sundin	June 1, 1967	4	10	30	27	"	D	Yellow clay 15; blue clay 88; grey sand 112; blue clay fine grey sand 116; grey shale gravel 117. Water at 117.
Con X	" 10 N.Dronillard	E.Hernandez	July 25, 1967	4	10	40	30	"	D	Topsoil 1; clay 88; sandy clay 98; hardpan boulders 106; sand 108; grey limestone 111. Water at 110.
Con X	" 12 G.Lavin	"	Jan. 7, 1967	5	3	140	40	Sulphur	S	Topsoil fill 2; clay 130; boulders clay sand 137; brown limestone 160; hard grey limestone 180. Water at 178.
Con X	" 15 R.Laporte	Lucier Well Drlg.	July 10, 1966	4	< 1/2	160	50	"	D	Topsoil 2; red clay 20; blue clay 108; clay sand 120; hardpan 130; sand 133; shale 140; soapstone 150; limestone 160. Water at 155.
Con XI	" 2 W.Girard	E.Hernandez	Mar. 14, 1967	4	4	70	40	Fresh	D, S	Clay 90; sandy clay 105; sand 109; limestone 114. Water at 113.
Con XI	" 3 E.Parough	"	Apr. 18, 1967	4	5	75	40	"	D	Clay 65; sandy clay 98; sand 100; limestone 105. Water at 104.
Con XI	" 18 J.Nostad	Lucier Well Drlg.	May 16, 1965	4	10	20	10	Sulphur	D, S	Topsoil 2; red clay 20; blue clay 90; hardpan 118; gravel 120. Water at 120.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.										
Sandwich South Twp.-cont.										
Con XII	Lot 10	L. Eyraud	E. Hernandez & Sons	Sep. 28, 1967	4	5	150	26	Sulphur	D, S
Con XII	" 12	J. Gaspar	"	Mar. 28, 1966	4	3	153	22	"	D
Con XII	" 12	"	Johnston Bros.	Jan. 3, 1966						
Con XII	" 12	"	"	Jan. 2, 1966						
Talbot Road North										
TRN	" 293	R. Lemon	Lucier Well Drlg.	May 28, 1964	4	3	70	30	Sulphur	D
TRN	" 293	N. Cloutier	"	Dec. 8, 1965	4					N
TRN	" 293	R. Flood	R. McPherson Drlg.	Aug. 3, 1967	4	10	70	35	Sulphur	D
TRN	" 296	G. Ecuver	E. Hernandez	Aug. 4, 1967	4	5	60	25	Fresh	D
TRN	" 300	J. Hebert	Lucier Well Drlg.	June 30, 1965	4	6	60	50	Sulphur	D
TRN	" 300	D. Campbell	E. Hernandez	Aug. 18, 1966	4	5	55	36	"	D
TRN	" 301	D. Beer	"	Aug. 13, 1966	4	5	50	27	"	S
TRN	" 305	M. Mills	Lucier Well Drlg.	Nov. 14, 1965	4	5	50	40	"	D
Talbot Road South										
TRN	" 306	A. Mitchell	E. Hernandez	Oct. 11, 1967	4	5	45	28	"	D
TRN	" 293	O. Bellaire	"	Feb. 19, 1966	4	4	60	24	"	D
TRN	" 293	M. Collins	"	Feb. 8, 1966	4	4	60	35	"	D
TRN	" 283	P. Melnik	"	June 11, 1966	4	4	65	40	"	D
TRN	" 293	T. Vanderaa	Lucier Well Drlg.	May 23, 1965	4	5	60	40	"	D
TRN	" 293	P. Melnik	"	Aug. 12, 1965	4	3	70	40	"	D
TRN	" 293	G. Markham	E. Hernandez	Aug. 6, 1966	4	5	55	40	"	D
TRN	" 294	P. Wagner	W. Hernandez	Aug. 9, 1964	4	3	35	25	"	D
TRN	" 294	M. Webster	E. Hernandez	Aug. 10, 1967	4	5	60	25	"	D
TRN	" 298	V. Brown	D. Sundin	Nov. 26, 1966	4	5	34	34	"	D
Clay 55; sand 98; limestone 250. Water from 130 to 235. Clay 70; sandy clay 115; fine sand 120; sand large boulders 128; limestone 163. Water at 159. Soft blue clay 140; silty sand boulders 155; stony hardpan 165. Dry hole. Soft blue clay 140; gravel sand 155; hardpan 165; brown lime- stone 175. Dry hole. Topsoil 2; red clay 20; blue clay 60; sand 65; blue clay 100; shale 102; sand 104; shale 105; gravel 106. Water at 106. Topsoil 2; red clay 20; blue clay 80; hardpan 102; sand 104; soft grey rock 110. Dry hole. Topsoil 3; red clay 25; blue clay 85; sand 105; grey limestone 118. Water at 115. Clay 105; sand 116; limestone 120. Water at 118. Topsoil 2; red clay 20; blue clay 70; sand 72; hardpan 80; soft grey rock 86. Water from 84 to 86. Topsoil 1; clay 85; sandy clay 89; brown limestone 96. Water at 95. Clay 90; sandy clay 104; sand 109; limestone 115. Water at 113. Topsoil 2; red clay 20; blue clay 110; hardpan 120; gravel 128. Water from 120 to 128. Topsoil 1; clay 90; sand gravel 111; limestone 115. Water at 113. Topsoil 1; clay 66; sand 72; clay 109; gravel 115; limestone 125. Water at 122. Topsoil 1; clay 66; sand 72; clay 109; gravel 115; limestone 145. Water at 142. Previously drilled 116; grey limestone 130. Water from 126 to 128. Topsoil 2; red clay 20; blue clay 80; clay sand 110; sand gravel 118; soft grey rock 122. Water from 120 to 122. Topsoil 2; red clay 20; blue clay 100; hardpan 118; shale 120. Water at 120. Topsoil 1; clay 60; sand clay 65; blue clay 100; sand clay 116; light grey limestone 129; dark grey limestone 131. Water at 120 and 129. Loam 1; red clay 18; blue clay 55; hardpan 60; sand 63; blue clay 87; brown limestone 95. Water at 95. Clay 105; sand 116; limestone 120. Water at 118. Topsoil fill 2; yellow clay 12; blue clay 55; blue clay fine grey sand 75; blue clay 104; grey limestone 110. Water from 108 to 110.										

# APPENDIX C REPAIRS FOR WATER WELLS DRILLED FROM 1964 TO 1967

CONTRACT	CONTRACT NO.	OWNER	COMPLETION DATE	CASING DIA. (inches)	PUMPING HEAD (feet)	PUMPING LIFT (feet)	PUMPING LIFT (feet)	KIND OF WATER	USE	LOGS AND REMARKS *
Soudan West Twp.	Cor I PC	E. J. J. J.	May 5, 1967	3	4	24	10	Sulphur	D	Clay 4; black muck 10; blue clay 58; sand 59; limestone 68. Water at 67.
	Cor II PC	E. J. J. J.	Aug. 1, 1966	3	26	28	10	"	Ir	Black soil 2; yellow sandy soil 5; grey clay 8; hardpan 96; white limestone 101. Water at 101.
	Cor IV PC	E. J. J. J.	Jan. 1, 1968	3	10	22	15	"	D	Blue clay 75; clay gravel 86; blue clay 98; coarse sand 101; fine sand 110; soft grey limestone 124. Water at 124.
	Cor IV PC	E. J. J. J.	Sep. 4, 1964	4	6	25	10	"	D	Black topsoil 1; yellow clay 12; blue clay 80; fine grey sand 82; grey shale sand 84. Water at 84.
	Cor IV PC	E. J. J. J.	Mar. 8, 1966	4	7	50	6	"	D	Black clay loam 2; grey clay 65; hardpan 71; sharp sand 78. Water from 72 to 78.
Tilbury West Twp.	Cor X	L. Gagnier	Sep. 11, 1964	3	30	30	12	Sulphur	D, S	Clay 97; grey limestone 100. Water at 98.
	Cor X	E. Gagneau	Sep. 15, 1965	3	33	40	10	"	D, S	Clay 90; hardpan gravel 95; shale 96. Water at 92 and from 95 to 96.
	Cor X	T. Trusty	June 29, 1967	3	25	35	19	"	D, S	Clay 108; hardpan 112; limestone 116. Water at 116.
	Cor X	E. Waites	Oct. 14, 1964	3	33	30	15	"	D	Clay 142; hardpan 144; grey shale 145. Water at 144.
	Cor XI	St. Clair Feeds	Sep. 1, 1964	3	33	30	12	"	C	Clay 95; hardpan 102; grey limestone 104. Water at 95.
	Cor XI	R. Tellier	Jan. 3, 1966	3	30	40	21	"	D, S	Clay 110; hardpan 115; limestone 120. Water at 120.
	Cor XI	G. Willan	Oct. 4, 1964	3	3	60	30	"	D	Clay 140; hardpan 145; fine sand 145 1/2. Water at 145.
	Cor XI	R. Johnson	Sep. 20, 1965	3	15		18	"	P	Blue clay 131; hardpan 132; streak fine sand 132 1/2; soapstone 137.
	MEN	"	Sep. 8, 1965	3				"		Clay 132; hardpan 134; soapstone 145. Dry hole.
	MES	F. Buchanan	Sep. 7, 1965	3	33	50	30	Sulphur	D, S	Clay 126; hardpan 129; grey limestone 132. Water at 132.
Windsor City	Cor V	W. Jessop	Apr. 25, 1966	4	5	45	25	Sulphur	D	Topsoil 2; red clay 20; blue clay 90; sand clay 125; sand 131; silt rock 140. Water at 135.

\* See end of Appendix C for the meanings of abbreviations and symbols.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING		STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
					TEST G.P.M.	LEVEL FEET				
GREY COUNTY										
Artesia Twp.										
Con IV lot 4	B. Payne	Durham Drilling	Feb. 11, 1964	4	10	110	65	Fresh	D, S	Topsoil 2; clay 25; sand 30; clay 70; sand 75; clay 90; sand 105; clay 160; sand clay 195; grey rock 280. Water from 203 to 260. Clay gravel boulders 4; limestone 85. Water from 75 to 85. Topsoil 2; hardpan boulders 6; hard grey limestone 100. Water from 95 to 100.
Con VIII " 34	R. Law	A. Loucks	July 7, 1966	5	14	40	30	"	D	
Con IX " 26	V. Dutchensky	Durham Drilling	May 5, 1966	4	10	40	35	"	D, S	
Con IX " 26	L. Marlow	Pratt's Well Drlg.	Sep. 10, 1966	4	8	42	40	"	D	Clay stones 35; brown limestone 90. Water at 90.
Con IX " 27	W. Dudley	K. Mighon & Sons	Apr. 17, 1967	4	5	50	20	"	D	Topsoil 1; brown clay 20; clay gravel sand 25; white shale 27; brown limestone 80; white limestone 88; bluish limestone 91. Water at 40, 80 and 91.
Con IX " 28	A. Gammon	Pratt's Well Drlg.	July 1, 1965	4	7	10	10	Fresh	D	Clay boulders 12; brown limestone 43. Water at 42.
Con X " 18	K. Pearce	A. Loucks	Dec. 8, 1966	4	20	35	25	"	D	Stones gravel 40; broken limestone 55; limestone 75. Water from 65 to 73.
Con X " 23	Sever Valley Fishing Club	Durham Drlg. & Enterprises Ltd.	Mar. 24, 1964	4	3	130	90	Salty	N	Topsoil 1; coarse gravel 25; blue clay 140; quicksand 190; fine sand 205; clay 230; blue shale 362. Water at 330.
Con X " 26	D. Campbell	"	Dec. 21, 1966	4	7	82	72	Fresh	D	Topsoil 1; hardpan boulders 3; sand gravel 47; hard brown limestone 110. Water from 95 to 110.
Con X " 26	J. Cairns	D. Sewell	Apr. 10, 1967	4	10	75	33	"	D	Topsoil 2; stony gravel till 34; limestone 80. Water from 64 to 70.
Con X " 26	V. McKenzie	Durham Drlg.	July 27, 1967	4	10	56	27	"	D	Topsoil 1; gravel stones 27; grey limestone 92. Water from 80 to 92.
Con X " 26	P. Sedore	Pratt's Well Drlg.	July 8, 1965	4	6 1/2	28	22	"	D	Clay boulders 7; brown limestone 54. Water at 54.
Con X " 27	C. Negee	Durham Drlg.	May 27, 1965	4	12	38	34	"	D	Topsoil 1; hardpan boulders 27; hard white limestone 72. Water from 65 to 72.
Con X " 28	A. Halls	Pratt's Well Drlg.	Aug. 13, 1964	4	7	18	18	"	D	Stony hardpan 26; cream limestone 74. Water from 52 to 64.
Con X " 31	A. Tetter	Durham Drlg.	Aug. 4, 1967	4	10	55	5	"	D	Topsoil 2; sand clay 24; clay gravel 40; hardpan 45; soft shale 69; grey limestone 103. Water from 90 to 103.
Con X " 34	W. Pratt	Pratt's Well Drlg.	Mar. 31, 1966	4	10	16	15	"	D	Clay stones 22; brown limestone 45. Water at 43.
Con XI " 25	H. Middleton	K. Mighon & Sons	Dec. 28, 1966	4	5	105	85	"	D	Topsoil 1; hard stony clay 45; white limestone 55; grey clay 60; white limestone 75; brown clay 80; brown limestone 125; blue shale 152; soft blue shale 162. Water at 120, 127 and 161.
Con XI " 27	Dr. D. Milne	Pratt's Well Drlg.	May 14, 1966	4	8	49	48	"	D	Clay large boulders 72; sand 88; cream coloured limestone 108. Water at 108.
Con XI " 27	A. Wilson	Durham Drlg.	Dec. 13, 1966	4	10	110	100	"	D	Fill 3; clay boulders 20; hardpan 68; gravel clay 77; medium hard yellow grey rock 163. Water from 155 to 163.
Con XII " 18	"	A. Loucks	June 17, 1966	5	14	15	10	"	D, S	Clay stones 35; limestone 55. Water from 50 to 55.
Con XII " 36	"	Pratt's Well Drlg.	Aug. 5, 1966	4	8	15	14	"	D	Clay boulders 25; cream coloured limestone 68. Water at 68.
Con XIII " 22	"	Pratt Bros.	Nov. 24, 1964	4						Red clay 5; white limestone 45; open crevice yellow sand 48. Dry hole.
Con XIII " 22	"	"	Nov. 19, 1964	4						Red clay 5; white limestone 60; dark blue limestone 71; blue shale 78. Dry hole.
Con XIII " 31	J. Dillen	D. Sewell	June 11, 1967	4	5	80	50	Fresh	D	Topsoil 1; gravelly clay boulders 22; gravel till 33; rubble rock 3; limestone 85. Water from 65 to 85.
Con XIII " 36	J. Pollett	Durham Drlg.	Sep. 14, 1967	4	20	15	12	"	D	Topsoil stones 18; white limestone 75. Water at 70.
Con XIV " 21	R. Long	K. Mighon & Son	Nov. 7, 1964	4	10	65	50	"	D, S	Open hole 17; stony clay 25; brown limestone 40; white limestone 88; brown limestone 101. Water from 88 to 101.
Con XIV " 22	Dr. C. Knight	M. Bellerby	May 15, 1964	5	6	30	25	"	D	Topsoil clay 11; white limestone 75. Water from 70 to 75.
Con XIV " 22	J. Covin	Durham Drlg.	June 8, 1964	4	8	62	60	"	D	Topsoil 4; white limestone 30; hard brown limestone 79. Water from 70 to 80.

GREY COUNTY - cont.  
Artemesia Twp. - cont.

Con XIV	lot 22	F.Peppier	Pratt Well Drlg.	Dec.12,1965	5	2	108	60	Fresh	D	Clay 9;white limestone 112. Water at 112.
Con XIV	" 22	Dr.G. Knight	"	Oct.20,1965	4	1 1/2	82	67	"	D	Old drilled well 72;white limestone 86. Water at 82.
Con XIV	" 28	H.Bartenbach	D.Sewell	July13,1966	4	2	140	100	"	D	Stones brown clay 1;loose limestone 7;white limestone 115; brown limestone 128;blue shale 33;brown shale 141;soft blue shale 130. Water from 120 to 128 and from 137 to 141.
DEN Con I	" 1	M.Smart	Durham Drilling	Apr.30,1965	4	15	35	16	"	D	Topsoil 3;hardpan boulders 30;sandy clay 60;sand 100;gravel sand 114. Water at 110 and 114.
DEN Con I	" 22	J.Meeds	"	Apr.17,1967	4	15	40	25	"	D,S	Topsoil 1;sand clay boulders 30;sand boulders 42;hardpan 65; clay 15;hard white rock 206. Water from 200 to 206.
DEN Con I	" 30	D.Sinclair	Pratt Well Drlg.	Feb.14,1966	4	7	19	18	"	D	Gravel 30;sand 64;grey hardpan 69;gravel 70. Water from 69 to 70.
DEN Con I	" 77	J.Brown	"	Jan. 6,1965	4	6 1/2	31	11	"	D,S	Gravel 8;clay stones 55;brown limestone 64;white limestone 156. Water at 64 and 156.
DEN Con II	" 1	E.Burnett	Pratt Bros.	June 4,1964	4	7	49	43	"	D,S	Gravel 30;blue clay 60;clay hardpan 186;grey hardpan 208;brown shale rock 255. Water at 255.
DEN Con II	" 8	A.Watts	K.Mighton & Son	Dec.21,1966	4	5	80	36	"	D,S	Topsoil 1;stony clay 48;hardpan 53;sandy clay 109;grey shale 116;white limestone 145. Water from 125 to 145.
DEN Con II	" 79	G.Blakey	G.Blakey	Nov. 4,1967	4	2	36	36	"	D	Clay gravel 8;white clay 47;gravel 51. Water at 47.
DEN Con III	" 76	A.McKenzie	"	Nov. 4,1965	4	6	42	40	"	D,S	Stones clay 40;quicksand coarse gravel 60;grey rock 63. Water at 61.
DEN Con I	" 1	Priceville Community Centre	Pratt Bros.	July31,1964	4	7	49	48	"	P	Clay stones 55;grey hardpan 150;gravel 151. Water at 151.
DEN Con I	" 3	F.Oliver	Durham Drlg.	Sep.17,1967	4	15	55	48	"	D	Topsoil 3;clay boulders 20;sandy clay 50;gravelly clay 110; clay boulders 150;sand gravel 200;gravel 201. Water from 160 to 202.
DEN Con I	" 5	Hewgill-Renson Lumber Co.	Pratt Bros.	Sep.29,1964	4	9	23	12	"	In	Clay stones 42;hardpan layers quicksand 102;brown limestone 134. Water at 134.
DEN Con I	" 11	E.Davidge	Durham Drlg.	Oct.26,1967	4	15	44	26	"	D	Topsoil 1;clay boulders 26;hardpan layers brown sand 151; hard brown rock 168. Water from 160 to 168.
DEN Con I	" 19	A.Watters	"	Nov.25,1964	4	15	35	25	"	D,S	Topsoil 3;sandy clay 20;gravel boulders 70;grey clay 100; quicksand 160;sand 165;grey rock 184. Water from 170 to 184.
DEN Con I	" 20	C.Catcher	"	Mar.30,1965	4	10	70	48	"	D	Topsoil 3;boulders 25;hardpan 75;hardpan boulders 125;sand gravel 160;boulders hardpan 165;gravel 171;brown limestone 212. Water at 212.
DEN Con I	" 79	T.O'Sullivan	"	Nov.15,1967	4	10	40	14	"	D,S	Topsoil 1;hardpan stone 60;hard brown rock 94. Water from 90 to 94.
SEN Con I	" 93	E.Drone	"	June 4,1964	4	10	36	35	"	D,S	Open hole 44;hard stony gravel 50;sand gravel 60;centred gravel 75;fine gravel 80;sand 105;grey rock 140. Water from 132 to 158.
SEN Con I	" 174	A.Archibald	D. Sewell	June10,1965	5	15	16	12	"	D	Topsoil 2;clay boulders 18;red sand 30;silty sand 70;silty clay 90;scattered yellow rock 100;grey limestone 112. Water at 111.
SEN Con II	" 143	L.Thompson	Durham Drlg.	Oct.12,1967	4	12	32	30	"	D	Open hole 40;sand gravel 50;red shale 52;gravel boulders 55; brown shale 65. Water from 62 to 65.
SEN Con II	" 150	D.Fawcett	"	June10,1964	4	18	24	16	"	D	Gravel boulders 24;gravel clay 40;boulders gravel 66;grey rock 70;brown rock 82. Water from 75 to 80.
SEN Con II	" 170	K.Allen	Pratt Well Drlg.	Dec.16,1965	5	18	69	67	"	D,S	Sand 15;clay 40;blue salt 90;quicksand 123;hardpan 165;cream coloured soft rock 175;white limestone 200. Water at 168 and 198.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
GREY COUNTY Cont. Artemesia Twp. cont. Sydenham Road West SE 1/4 Con I lot 162	A. Langer	K. Mighton & Son	Aug. 15, 1966	7	20	40	30	Fresh	S	Hard grey clay large stones 20; gravelly clay 55; sandy clay 100; hard clay 110; clay shale ridges 120; hard grey limestone 130. Water from 122 to 130.
SE 1/4 Con I " 163	"	Durham Drlg.	Oct. 29, 1964	7	35	30	6	"	D, S	Topsoil 3; gravel boulders 30; sandy clay 100; sand 110; grey rock 118. Water from 110 to 118.
SE 1/4 Con I " 194	E. Busar	"	Sep. 14, 1964	4	15	35	30	"	D, S	Gravel rock 20; sand gravel 71; rock 95. Water from 80 to 95.
SE 1/4 Con II " 151	H. Best	Pratt Well Drlg.	Aug. 30, 1965	4	8	12	18	"	D, S	Clay stones 25; clay silt 70; brown limestone 78. Water at 78.
SE 1/4 Con II " 100	P. Hill	Pratt Bros.	July 15, 1964	4	6	31	3	"	D	Clay 5; hardpan 60; heavy limestone 62. Water at 62.
SE 1/4 Con III " 150	E. Tyler	K. Mighton & Sons	Oct. 14, 1966	4	14	85	78	"	D	Topsoil 1; sand clay ridge hardpan gravel 105; cemented gravel 109; hardpan 113; gravel 114. Water from 113 to 114.
SE 1/4 Con III " 170	M. Lukianchuk	Pratt Well Drlg.	June 13, 1966	4	7	55	14	"	D, S	Clay stone 35; blue clay 96; brown shaly rock 144. Water at 144.
Bentnick Twp. Con IV lot " 1	K. Hauge	Durham Drlg.	Aug. 24, 1967	4	15	35	32	Fresh	D	Topsoil 1; gravel 20; stones gravel 38; white limestone 76. Water from 70 to 76.
Con V " 1	E. Monk	E. Keeso	Oct. 13, 1964	4	12	58	52	"	D, S	Dug well 38; sandy clay 42; sand 134; fine gravel 179; blue limestone 196. Water at 194 to 196.
Con V " 27	L. Dickinson	Durham Drlg.	July 28, 1966	4	16	10	4	"	D	Topsoil stones 1; stony hardpan 12; hard grey limestone 46. Water from 40 to 46.
Con V " 30	R. Hopkins	"	June 23, 1964	4	10	29	19	"	D, S	Open hole 20; sand fine gravel 35; grey rock 88. Water at 45, 60 and 85.
Con VI " 1	A. Konk	E. Keeso	Dec. 5, 1964	4	15	52	48	"	D, S	Soft clay boulders 38; sandy clay 150; coarse gravel boulders 184; hardpan 226; blue shale 236; blue limestone 254. Water from 250 to 264.
Con VI " 4	E. Penfold	Durham Drlg.	Jan. 27, 1964	4	12	40	32	"	D, S	Open hole 24; gravel 34; clay 38; quicksand 90; clay 110; gravel 122; quicksand 140; clay 152; gravel 170; blue shale 176. Water from 170 to 176.
Con VI " 24	C. McDonald	K. Mighton & Son	Nov. 13, 1964	4	14	42	37	"	D, S	Topsoil 2; stony clay 20; sandy clay 84; sand gravel 85; brown limestone 96. Water from 84 to 85 and from 86 to 96.
Con VI " 25	Bentnick Baptist Church	Durham Drlg.	Apr. 24, 1965	4	15	48	35	"	D	Topsoil 3; brown sandy clay 30; boulders clay 45; grey sandy clay 70; sand boulders 85; hard brown rock 92. Water from 85 to 92.
Con VII " 19	"	"	Dec. 28, 1964	4	12	50	20	"	D, S	Topsoil 3; sand 20; soft grey clay 80; fine grey sand 90; dark grey rock 140; light grey rock 149. Water from 140 to 149.
Con VII " 22	M. Brown	K. Mighton	Oct. 14, 1965	4	14	60	43	"	D, S	Topsoil 1; gravel sand clay 8; fine gravel sand 92; white limestone 94; brown limestone 111. Water from 94 to 111.
Con VII " 25	C. Adam	"	Nov. 18, 1964	4	9	65	60	"	D, S	Topsoil 2; clay stones 30; hardpan 67; brown limestone 110. Water from 90 to 110.
Con IX " 6	E. Monk	E. Keeso	Dec. 7, 1964	4	15	59	51	"	D, S	Coarse gravel 6; hardpan boulders 72; fine gravel sand 149; hard brown rock 153. Water from 149 to 153.
Con X " 1	B. Brunner	Durham Drlg.	Feb. 8, 1964	4	20	10	10	"	C	Gravel 20; clay 60; sand 75; quicksand 95; blue shale 100. Water at 100.
Con X " 1	A. Long	E. Keeso	Dec. 22, 1964	4	15	38	36	"	D	Dug well 19; soft clay stones 60; hardpan 98; blue limestone 116 hard brown limestone 134. Water from 130 to 134.
Con X " 13	H. Jank	Durham Drlg.	Feb. 13, 1964	4	10	87	75	"	D, S	Open hole 45; coarse gravel 120; sand 123; white limestone 209. Water at 205.

GREY COUNTY - cont.									
Bentheck Twp. - cont.									
Con X	lot 25	C. Campbell	Durham Drls.	July 20, 1967	4	20	17	14	D
Con XI	"	1 A. Schaab	Pratt Bros.	Jan. 30, 1964	4	7	28	27	D
Con XI	"	1 J. Ringel	K. Mighton & Son	Aug. 22, 1964	4	5	35	33	D
Con XI	"	1 P. Warner	Durham Drlg.	Dec. 13, 1967	4	10	12	16	D
Con XII	"	21 C. Shorney	"	Aug. 5, 1964	4	20	25	25	D
Con XII	"	28 M. Sherk	"	May 8, 1964	4	30	16	15	D, S
Con XII	"	29 "	"	May 4, 1964	4	25	28	15	D, S
Con XIII	"	1 A. Rier	"	Aug. 4, 1966	4	20	15	6	D, S
Con XIV	"	20 E. Bagley	"	May 22, 1964	4	20	20	20	D, S
DEN Con I	"	10 Argosy Carriers	"	July 25, 1964	4	20	30	30	C
DEN Con I	"	10 Hanover PUC.	International Water Supply	Apr. 15, 1967					
DEN Con I	"	47 R. Bartman	"	Dec. 10, 1964	4	9	65	55	D, S
DEN Con II	"	56 W. Hessel	Pratt Bros.	July 6, 1964	4	6	49	47	D, S
DEN Con II	"	4 Hanover PUC.	International Water Supply Ltd.	Apr. 26, 1967					
DEN Con III	"	10 "	"	Apr. 28, 1967					7-67
DEN Con III	"	26 H. Dogpner	Durham Drlg.	Oct. 6, 1967	4	15	65	50	8-67
DEN Con I	"	5 Hanover PUC	International Water Supply Ltd.	Apr. 19, 1967					T
DEN Con I	"	11 "	"	Apr. 13, 1967					1-67
DEN Con I	"	16 H. Galbraith	Durham Drig.	Jan. 20, 1967	4	15	20	Flows	2-67

Gravel stones 40; gravel clay 53; sand 56; dark brown rock 75. Water from 70 to 75.  
 Old well 26; clay stones 65; hardpan 110; black limestone 147. Water at 147.  
 Topsoil 1; sand 45; gravel 85; sandy clay 90; sand 102; grey rock 140; brown rock 147. Water from 141 to 147.  
 Old dug well 15; gravel boulders 60; grey clay 100; blue shale 104; hard blue rock 130; brown shale 135. Water from 130 to 135.  
 Hardpan boulders 25; pink clay 86; sand 110; grey limestone 125. Water from 120 to 125.  
 Open hole 20; clay 45; sand 60; shale 62; coarse gravel 63. Water from 62 to 63.  
 Topsoil 2; fill 5; sand gravel 20; grey hard rock 49. Water at 40.  
 Topsoil 1; grey clay 60; clay stones 105; blue shale 125; hard grey rock 145. Water from 135 to 145.  
 Topsoil 1; hardpan boulders 40; sand gravel 65; brown rock 78. Water from 70 to 78.  
 Topsoil 2; fine sand 60; blue clay 80; quicksand 105; blue clay stones 122; shale 130; hard brown rock 133. Water from 120 to 133.  
 Topsoil 1; sandy clay 4; stiff dark grey clay 29; clay gravel 43; soft shale 69; soft brown limestone 77; hard limestone 78. Dry hole.  
 Topsoil 1; large stones clay 25; sandy clay 40; grey sand 45; grey sandy clay 100; gravelly clay large stones 150; cemented gravel 162; quicksand 175; stony clay 200; fine sand 204; brown limestone 228; white limestone 248. Water from 240 to 248.  
 Gravel 10; sand 60; hardpan 62; gravel 63. Water at 63.  
 Topsoil 1; sandy loam 3; fine sand silt 18; fine sand gravel 30; gravel sand sandy clay cemented streaks 47; sand coarse gravel clay very hard cemented streaks 110; very hard limestone 111. Dry hole.  
 Topsoil 1; coarse sand 15; coarse fine sand fine gravel 51; soft clay sand some gravel 85; fine sand sandy clay 142; gravel sand clay shale lightly cemented 163; limestone. Dry hole.  
 Clay boulders 50; sandy clay 75; quicksand 100; sand gravel 125; silt sand 145; fine gravel 148. Water from 145 to 148.  
 Topsoil 1; sandy clay 5; stiff sticky clay 31; soft clay 43; clay gravel cemented streaks 54; gravel clay lightly cemented 61; shale 67. Dry hole.  
 Topsoil 2; gravel sand 7; clay streaks with gravel 28; fine gravel sandy clay 35; fine sand 54; medium gravel clay cemented streaks 75; fine gravel clay cemented streaks 115. Dry hole.  
 Open hole 18; brown clay 60; sand 70; gravel 73. Water from 70 to 73.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Sentry Creek Twp. - cont.										
DRS Con I	" 26 B. Hamilton	K. Moughton & Son	Feb. 11, 1967	4	4	75	50	"	D	Sandy clay 40; hardpan clay 100; gravelly clay 120; dirty gravel 12; running clay coarse sand 128; hardpan red shale 160; grey limestone 200. Water at 180, 190 and 200.
DRS Con I	" 40 I. Park	"	Sep. 28, 1966	4	5	30	25	"	D	Topsoil 2; gravelly clay large stones 48; hardpan stones 50; hardpan 25 cemented gravel 55. Water from 52 to 55.
DRS Con I	" 41 D. McCallum	Pratt Well Drlg.	Nov. 13, 1965	4	7	43	41	"	D	Sand gravel 50; hardpan 66; gravel 68. Water at 68.
DRS Con I	" 41 A. Park	K. Moughton & Son	Oct. 28, 1966	4	5	55	30	"	D	Topsoil 1; large stones clay 24; gravelly clay hardpan 61; sandy clay 62; shale cemented gravel 72. Water from 65 to 72.
DRS Con I	" 59 A. Hunt	"	Nov. 19, 1966	4	10	20	6	"	D	Topsoil 1; gravel clay 20; sandy clay 39; coarse sand 40; gravel. Water at 40.
DRS Con I	" 61 E. Brigham	"	Jan. 3, 1966	4	7	35	20	"	G	Sand 10; sand clay ridges 46; sand 49. Water from 46 to 49.
DRS Con I	" 61 R. Moughton	"	Jan. 4, 1966	4	9	12	8	"	D	Topsoil 1; sand 8; soft clay 17; hardpan 31; sand gravel 22. Water from 21 to 22.
DRS Con I	" 61 T. Cachia	K. Moughton & Son	Jan. 7, 1966	4	14	33	32	"	D	Topsoil 1; sand gravel 11; sandy clay gravel 25; hard clay 33; sandy clay 49; hardpan 50; coarse sand 53. Water from 50 to 53.
DRS Con II	" Horizon Turkey Ity.	E. Keeso	Mar. 17, 1966	7	10	42	Flows	Sulphur	S	Gravel 8; gravelly clay 34; clay 57; blue limestone shale 67; blue limestone 131; grey blue limestone 132. Water from 129 to 131.
GEW Con I	" 4 P. Franklin	Pratt Well Drlg.	July 15, 1965	4	7 1/2	10	9	Fresh	D	Clay stones 9; brown limestone 32. Water at 32.
GEW Con I	" 6 D. MacArthur	Pratt Well Drlg.	July 21, 1965	4	6 1/2	33	32	"	D	Clay gravel boulders 37; brown limestone 43; bluish white limestone 65. Water at 60.
GEW Con I	" 8 C. Matheson	Pratt Bros.	Feb. 8, 1964	4	6	65	50	"	D, S	Clay boulders 47; brown limestone 58. Water at 54.
GEW Con I	" 28 A. McCallum	Durham Drlg.	Dec. 29, 1967	4	15	44	40	"	D	Clay 8; clay sand boulders 44; hardpan 85; brown limestone 100. Water at 100.
GEW Con I	" 30 L. Marted	"	Apr. 7, 1967	4	20	25	16	"	D	Gravel stones 10; sand 28; sand clay 66; brown limestone 88. Water from 80 to 88.
GEW Con II	" 44 R. Johnston	"	Apr. 30, 1964	4	15	20	20	"	D, S	Topsoil 1; sand gravel 42; gravel stones 50; gravel sand 52; hard grey limestone 91. Water from 80 to 91.
GEW Con II	" 52 A. Schenk	"	Dec. 22, 1964	4	18	35	28	"	D, S	Topsoil 4; hard stony gravel 20; gravel boulders 35; hard brown rock 60. Water from 50 to 60.
GEW Con III	" 15 B. Campbell	Pratt Well Drlg.	May 26, 1965	4	7	62	55	"	D, S	Gravel 30; sandy clay 65; white marl 72; hard grey rock 108. Water from 90 to 108.
GEW Con III	" 27 J. McCall	Durham Drlg.	July 14, 1967	4	10	72	Flows	"	D, S	Clay stones 27; hardpan layers quicksand 97; white limestone 130. Water at 130.
GEW Con III	" 32 E. Klink	"	Nov. 10, 1966	4	10	60	44	"	D, S	Topsoil 1; gravel clay 45; brown hardpan 82; brown rock 127. Water from 110 to 127.
GEW Con III	" 48 A. Hopkins	Pratt Bros.	Sep. 7, 1964	4	7	40	32	"	D, S	Topsoil 1; hardpan stones 32; hardpan 102; sand 135; hard white rock 175. Water from 165 to 175.
										Gravel 12; hardpan 43; white limestone 147. Water at 58 and 142.
Chatsworth Village										
	T. De Jong	A. Loucks	Feb. 7, 1964	4	6	27	12 1/2	Fresh	D	Sandy clay 16; stony clay gravel 28; gravel 33; brown limestone 55. Water from 48 to 55.
	M. McKay	"	Apr. 3, 1964	4	12	30	20	"	D	Gravel boulders 41; brown limestone 43. Water at 42.
	R. Specht	"	Aug. 6, 1964	4	15	18	10	"	D	Gravel boulders 31; limestone 41. Water from 31 to 41.



GREY COUNTY - cont.  
Chatsworth Village -

REX COUNTY - cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1965 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING		STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
					TEST	G.P.M.				
GREY COUNTY - cont. Collingwood Twp. - cont. Con III										(Depths to which formations extend below the surface are given in feet)
		D.Sewell	Aug.31,1966	4						Brown clay 4;stony red clay 34;brown clay 37;grey limestone 71; soft blue shale 80;red soft shale 107;greenish blue shale 115.
Con III	" 21 J.Mackay	Beth Well Digging	May 30,1967	30	2		15	Fresh	D	Dry hole
Con III	" 21 M.Matyas	F.Wright & Son	Dec.18,1966	4	5		7	"	D	Brown stony clay 20;grey clay 30;shale 38. Water at 15.
Con III	" 23 Canadian	K.Mighton & Son	Dec.13,1965	4	1	48	3	"	In	Gravel boulders 5;shale 6;dark limestone 34. Water from 32 to 44.
Con III	" 23 M.Yourk	"	May 4,1966	4	15	15	6	"	P	Topsoil 1;grey clay 5;hard grey limestone 50. Water at 25.
Con III	" 23 H.Nixon	"	Oct.30,1965	6	10	15	3	Sulphur	D	Stony clay 1;large stones clay 5;grey limestone 26;brown limestone 32;grey limestone 36;brown limestone 40. Water from 28 to 32 and from 36 to 40.
Con III	" 23 A.Moser	F.Wright & Son	Nov.25,1966	4	4	12	8	Fresh	D	Open hole 3;hard grey limestone 27. Water from 24 to 27.
Con III	" 23 P.Grandfield	"	Dec.8,1966	4	7	14	6	Sulphur	D	Sandy clay stones 6;shale bedrock 36. Water from 31 to 36.
Con III	" 23 H.Later	"	Dec.18,1966	4	3	11	6	Fresh	D	Stony clay 4;dark limestone 52. Water at 40.
Con III	" 23 C.Stephens	"	Dec.20,1966	4	3	11	6	"	D	Sand gravel boulders 6;clay sand strips shale 9;dark grey limestone 31. Water from 30 to 31.
Con III	" 23 J.Murray	"	Jan. 8,1967	4	3	14	6	"	D	Stones gravel 7;shale 8;dark limestone 34. Water at 34.
Con III	" 23 Canadian	"	July 3,1967	4	1	73	2	Sulphur	N	Gravel stones 6;shale 9;dark limestone 36. Water at 36.
Con III	" 24 A.Gibson	D.Sewell	Nov.17,1966	4	2	17	11	"	N	Shale 4;brown shale 24;grey shale 75. Water at 70.
Con IV	" 6 S.Hoge	F.Wright & Son	Sep.14,1965	5	5	48	37	Fresh	D,S	Brown clay stones shale 4;black limestone 27. Water at 25.
Con IV	" 6 J.Harvey	"	June 8,1965	5	10	25	20	"	D	Dug well 3;gravel boulders 46;brown limestone 55. Water from 51 to 55.
Con IV	" 12 T.Merritt	"	Sep. 7,1965	5	5	70	24	"	D	Stones boulders 43;white limestone 56. Water from 50 to 56.
Con IV	" 22 H.Leistner	"	Mar. 5,1964	4	2	70	10	"	D	Stones boulders 60;brown limestone 85. Water from 70 to 85.
Con IV	" 22 Alpine Ski Club	Nimmo & Widdis	Oct. 4,1965	4	1	203	193	Sulphur	N	Flat stony clay 15;blue shale 105. Water from 70 to 105.
Con IV	" 25 F.Dickson	A.Loucks	June 14,1965	7	1	38	5	Fresh	D	Sand gravel 10;blue clay 70;clay mud oil 203. Water at 70
Con IV	" 25 A.Johnson	F.Wright & Son	Dec.13,1967	4	24	34	5	Sulphur	D	Clay stones 4;limestone 42. Water from 30 to 42.
Con V	" 9 L.Shazin	A.Loucks	June 3,1965	5	6	90	70	Fresh	D,S	Shale gravel 4;dark bedrock 24. Water at 24.
Con V	" 25 J.Dooley	D.Sewell	Sep.26,1966	4	55	31	31	Sulphur	D,S	Stones 4;white limestone 105. Water from 80 to 105.
Con VI	" 20 D.Gib	A.Loucks	Apr. 5,1965	5	8	150	150	Fresh	D,S	Clay 1;blue shale 15;brown shale 59. Water from 55 to 59.
Con VII	" 14 E.McArthur	"	June 21,1967	6	5	160	150	"	D,S	Topsoil 3;white limestone 30;shale 96. Water from 70 to 96.
Con VII	" 27 H.Later	"	July 28,1965	6	1	45	5	Sulphur	D	Topsoil 3;white limestone 50;blue shale 65;red shale 90;grey limestone 170;red shale 177. Water from 170 to 177.
Con VII	" 29 E.Sager	"	Aug.14,1965	4	1	90	5	Fresh	D	Clay 6;shale 170;red shale 177. Water from 170 to 177.
Con VII	" 7 Hob Roy Fish Club	D.Sewell	May 3,1964	4	10	20	8	"	D	Gravel 5;grey shale 24;grey limestone 103. Water from 24 to 103.
Con VII	" 20 H.Park	"	May 28,1966	4	15	12	7	"	D	Clay boulders 26;shale 40. Water from 35 to 40.
Con VIII	" 23 B.Rendall	"	Sep.10,1966	5	8	60	19	"	D,S	Stones gravel 18;brown limestone 22. Water from 18 to 22.
Con VIII	" 28 E.Swanson	A.Loucks	July 15,1964	5	8	75	50	"	D,S	Topsoil 1;brown clay 14;grey gravelly clay 70;silty gravel and 71;blue shale 80. Water from 70 to 71 and from 73 to 80.
Con VIII	" 28 E.Swanson	D.Sewell	Aug.11,1966	5	12	50	12	"	In	Clay boulders 35;blue grey shale 100. Water from 75 to 100.
										Topsoil 1;clay loam 7;hardpan gravel 21;clay 48;hard gravelly clay 63;silty sand 67;clay 77;sand 82;gravel 84. Water at 63 and 67 and at 72 to 84.

GREY COUNTY - cont.

Collingwood Twp. - cont. Con VIII	D.Sewell	May 25, 1967	4	10	40	24	Fresh	D	Topsoil 2; brown clay 10; hard grey clay stones 62; silty clay 77 clay 81; silty sand 85; clay 8; black coarse sand gravel 88. Water at 87.
Con VIII	A.Loucks	May 18, 1965	5	5	45	40	"	D	Boulders gravel 35; hardpan clay gravel 80; sand gravel 96. Water from 90 to 96.
Con IX	D.Sewell	May 31, 1966	4	7	28	18	"	D	Topsoil 2; stone gravel 13; brown limestone 30. Water from 27 to 30.
Con IX	"	July 10, 1967	4	1	75	12	"	D	Topsoil 2; brown clay 25; grey gravelly clay 55; silty gravel 60 blue clay 65; grey shale 80. Water from 55 to 60 and from 70 to 80.
Con IX	A.Loucks	Aug. 3, 1967	6½	30	50	25	"	D	clay gravel hardpan 80; fine sand gravel 100; coarse sand gravel 108. Water from 90 to 108.
Con X	D.Sewell	Oct. 26, 1966	5	6	20	6	"	D	Topsoil 2; red clay 16; red shale 20; red blue shale 30. Water from 16 to 30.
Con X	"	Oct. 6, 1967	5	8	60	18	"	D, S	Topsoil 1; brown clay 7; silty clay 28; gravelly grey clay 70; blue clay 75; blue shale 85. Water from 82 to 85.
Con X	"	Dec. 7, 1967	4	10	40	38	"	D	Topsoil 1; gravelly clay 22; gravel streaks brown clay 53; grey hardpan 70; grey clay 81; brown sand gravel 84; black coarse sand 92. Water from 84 to 92.
Con X	A.Loucks	May 31, 1967	5	10	40	20	"	D, S	Topsoil 3; yellow hardpan 46; sand 53. Water from 49 to 53. Blue clay 68. Water at 68.
Con X	"	Aug. 27, 1964	4	Flows	Flows	Flows	"	D	Clay gravel 50; sand gravel 55. Water at 55.
Con X	"	Sep. 14, 1964	4	15	30	"	"	D	Dug well 10; hardpan clay 32; sand gravel 72. Water at 72.
Con X	"	Oct. 15, 1964	4	10	8	"	"	D	Topsoil 2; sandy loam 11; silt 15; gravelly clay 47; coarse sand gravel 49. Water from 47 to 49.
Con X	D.Sewell	Oct. 22, 1965	4	10	8	"	"	D	Clay hardpan 76; gravel 79. Water from 76 to 79.
Con X	"	June 27, 1967	4	15	10	12	"	D	Clay gravel 35; sand gravel 44. Water from 35 to 44.
Con X	A.Loucks	June 23, 1964	4	7	25	12	"	D	Open hole 194; soft clay 45; hardpan grit 92; sand gritty clay 100; coarse sand gravel 104. Water from 100 to 104.
Con X	K.Nighton & Son	Apr. 19, 1965	4	4	60	40	"	D	Blue silt 75; clay layers gravel 91; gravel 92. Water at 92.
Con X	Pratts Well Drig.	Mar. 15, 1966	4	3½	78	36	"	D	Sandy loam 5; stony clay 36; gravelly clay 55; silt sand 63; clay 105; silt 115. Water from 55 to 63.
Con X	D.Sewell	Oct. 5, 1966	4	3	47	32	Fresh	D	Sandy loam 5; clay 10; silty clay 25; stone clay 36; silty gravel 50; coarse sand gravel 54. Water from 36 to 54.
Con X	"	Oct. 11, 1966	4	10	4	4	"	D	Brown clay loam 5; blue clay 25; quicksand 45; coarse gravel 68. Water from 67 to 68.
Con X	"	Oct. 20, 1966	4	10	5	4	"	D	Clay loam 5; blue clay 25; quicksand 45; coarse gravel 65. Water from 64 to 65.
Con X	"	Oct. 23, 1966	4	10	5	4	"	D	Loam 12; blue clay 57; quicksand 70; coarse gravel 91. Water from 85 to 91.
Con X	"	Nov. 9, 1966	4	8	25	20	"	D, S	Yellow hardpan stones 70; grey gravel 83. Water from 82 to 83.
Con X	A.Loucks	Mar. 17, 1964	4	12	65	50	"	D	Grey hardpan gravel 65; sand gravel 80. Water from 65 to 80.
Con X	"	June 29, 1964	4	8	70	50	"	D	Dug well 10; gravel stones 28; gravel 45. Water from 38 to 45.
Con X	"	July 20, 1964	4	6	22	6	"	D	Dug well 20; gravel hardpan 65; sand gravel 81. Water from 70 to 81.
Con X	"	Aug. 8, 1964	4	7	60	50	"	D	Blue clay gravel 60. Water from 50 to 60.
Con X	"	Aug. 25, 1964	4	6	40	29	"	D	Clay gravel 50; sand gravel 59. Water at 59.
Con X	"	Sep. 12, 1964	4	5	45	30	"	D	

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extended below the surface are given in feet)
GREY COUNTRY - cont. Collingswood Twp. - cont.										
Con X	31 E. Parker	A. Loucks	Nov. 5, 1964	4	5	55	55	PresH	D	Clay gravel 80; gravel 87. Water at 87.
Con X	31 H. Heslip	D. Sewell	Oct. 27, 1965	4	5	45	37	"	D	Topsoil 51; clay 10; silty sand 16; soft clay 35; hard gravelly clay 57; sand gravel 59; coarse gravel 60. Water from 58 to 60.
Con X	31 H. Johnston	"	Nov. 6, 1965	4	2	47	19	"	D	Topsoil 51; hard clay 10; silty sand 13; soft clay 35; hard gravelly clay 4; packed sand gravel 58. Water from 45 to 58.
Con X	31 S. Lake	K. Moughton & Son	Oct. 25, 1965	4	9	95	50	"	D	Topsoil 11; hardpan fine sand 4; fine gravel 46; sand clay 53; rumy clay 63; fine gravel clay 70; coarse clay hardpan 80; fine gravel clay 90; hardpan 100; blue shale 128. Water from 100 to 128.
Con X	31 H. Johnston	D. Sewell	June 8, 1966	4	3	80	20	"	D	Previously drilled 58; hard packed sand clay 73; dirty gravel 75; grey hardpan 81; sand stone 93. Water from 73 to 75 and from 86 to 93.
Con X	31 J. Cherry	"	Nov. 14, 1966	4	6	75	50	"	D	Topsoil 1; sand 3; gravel 18; gravelly clay 83; coarse sand gravel 87. Water from 83 to 87.
Con X	31 G. Johnston	"	Aug. 14, 1967	5	1	25	25	"	D	Topsoil 1; gravelly clay 9; silty sand 18; clay 42; gravelly clay 90; hard brown clay 105; black shely clay 120. Dry hole.
Con X	31 Robinson & Associates	"	Nov. 22, 1967	5	15	12	5 1/2	Fresh	T	Stony till 18; sand 20; sand gravel 40. Water from 18 to 40.
Con X	35 L. Gower	A. Loucks	Oct. 27, 1964	4	8	15	10	"	D	Dug well 15; hardpan clay 35; sand gravel 49. Water at 49.
Con X	35 G. Kirk	International Water Supply Ltd.	Jan. 20, 1967	2	20	28	25	"	D	Sand gravel 1; clay gravel boulders 11; fine sand clay boulders 15; clay silt gravel 20; silt fine sand clay gravel 27; silt clay gravel 62; silt 72; clay silt 90; shale limestone 105. Water at 90.
Con XI	14 H. Keake	D. Sewell	July 20, 1966	5	5	60	25	"	D, S	Topsoil 1; clay stones 18; grey stony clay 33; dirty sandy gravel 40; clay 43; blue shale 63. Water from 33 to 40 and from 50 to 63.
Con XI	17 Ardial Bros.	A. Loucks	May 24, 1967	5	8	40	26	"	D	Dug well 25; blue clay 110; shale 115. Water from 110 to 115.
Con XI	22 W. Hoggard	"	Jan. 12, 1965	4	6	40	20	"	D, S	Gravel 22; hardpan clay gravel 66; sand gravel 85. Water from 70 to 85.
Con XI	25 D. Hartford	D. Sewell	Oct. 19, 1965	4	4	28	16	"	D	Topsoil 2; red sandy clay 20; gravelly clay 28; black sand 30; coarse sand gravel 31. Water from 28 to 31.
Con XI	26 W. McCallum	A. Loucks	Nov. 13, 1964	4	10	60	50	"	N	Gravel boulders 50; hardpan gravel 65; gravel 86. Water from 80 to 86.
Con XI	27 E. Perkins	"	June 2, 1967	5	10	8	6	"	D, S	Topsoil 5; yellow hardpan 22; gravel 26. Water at 26.
Con XI	31 H. Campbell	"	Nov. 18, 1964	4	12	20	6	"	D, S	Dug well 10; hardpan gravel 40; coarse gravel 47. Water from 42 to 47.
Con XI	31 L..	D. Sewell	June 22, 1966	4		70	70	"	N	Dug well 14; dirty coarse gravel 20; brown clay 30; grey hardpan stones 80; layer dirty sand 85; grey hardpan stones 108; brown clay stones 120; silt coarse sand 130; blue clay soft shale 160. Water from 30 to 80 and from 128 to 130.
Con XI	31	"	June 12, 1966	4		30	30	"	N	Brown clay 2; dirty coarse gravel 20; brown clay 30; grey hardpan stones 80. Water from 30 to 80.
Con XI	33 H. Binkley	K. Moughton	Apr. 4, 1965	4	5	20	4	"	C	Topsoil 1; fine sand 20; hard clay 40; fine sand 65; hard gritty clay 90; sand fine gravel 93. Water from 90 to 93.
Con XI	35 G. Barker	A. Loucks	Oct. 7, 1964	4	2	80	2	"	In	Sand gravel 112. Water from 100 to 112.
Con XI	35 W. Goldsmith	"	Oct. 23, 1964	4	10	85	70	"	D	Hardpan stones 70; fine sand 110; medium sand 122. Water from 110 to 122.
Con XI	35 Robinson Associates	D. Sewell	Dec. 29, 1966	5	3	60	Flows	"	D	Brown sand 8; silty sand 33; grey hardpan 65; clay silty streaks 85; grey clay 103; sandy gravel 112. Water from 8 to 33 and from 103 to 112.

GREY COUNTY - cont.  
Collingwood Twp., cont.

Con	Lot	Owner	Date	5	8	25	14	Pres	In	Description
Con XI	36	T. Lemoke	June 28, 1962	5	8	25	14	Pres	In	Boulders hardpan 25; sand gravel 60; quicksand 112. Water from 25 to 60.
Con XI	"	J. Kirk	Nov. 23, 1966	5					T 1-66	Clay gravel 6; clay sand gravel boulders 11; broken gravel sand clay boulders 34; clay silt sand gravel 53; clay gravel 96; hard clay 106; cemented clay streaks gravel 133; hard clay gravel 163 shale 168.
Con XI	37	"	Nov. 28, 1966	5					T 2-66	Topsoil 1; sand 6; hard clay gravel 54; silty clay gravel 99; hard clay gravel 172; broken rock clay gravel 180; rock 181.
Con XI	37	"	Dec. 5, 1966	2		16			T 3-66	Topsoil 1; boulders clay 3; clay gravel 46; sand gravel clay 56; silt clay gravel 37; clay gravel 122; hard clay gravel 131; hard clay gravel 161; clay gravel 168; rock 169. Water at 46.
Con XI	38	K. Hoggard	May 5, 1967	6½	8	45	Flows	Gas	D	Dug boulders gravel 8; blue clay 64; shale gravel 67; hard grey limestone 88. Water from 70 to 88.
Con XI	38	C. Neabel	May 12, 1967	7	2	85	"	Fresh	D	Boulders 10; clay 81; shale 101. Water from 81 to 101.
Con XII	22	J. Walker	Oct. 12, 1967	5	7	58	34	"	D S	Topsoil 1; clay 34; sand gravel 39; grey hardpan 62; sand gravel 68. Water from 62 to 68.
Con XII	37	J. Kirk	Dec. 14, 1966						T 4-66	Topsoil 1; clay sand gravel boulders 37; gravel sand clay 59; packed gravel broken rock 63; gravel clay 67; silty clay gravel 99; hard clay gravel 103; cemented clay gravel 182; rock 186.
Derby Twp. Con I	lot 1	C. Cruise	Dec. 7, 1964	5	10	15	8	Fresh	D	Clay 5; loose limestone 20; brown limestone 33. Water from 25 to 30.
Con I	"	A. Wardell	Dec. 4, 1964	5	10	60	6	"	D	Loose limestone 25; greyish white limestone 86. Water from 50 to 80.
Con I	"	V. McNabb	Nov. 22, 1966	5	10	35	4	"	D	Loose limestone 20; solid limestone 65. Water from 40 to 60.
Con I	"	N. Graham	May 13, 1965	5	30	15	4	"	D	Black soil 3; grey limestone 86; brown limestone 90. Water at 35 and 86.
Con I	"	W. Cook	July 20, 1966	5	2	90	18	"	D	Brown soil stones 15; blue limestone 95. Water at 52.
Con I	"	H. Lamb	June 7, 1965	5	5	88	12½	"	D	Brown soil 5; white limestone 80; blue limestone 95. Water at 30 and 50.
Con I	"	K. Weller	Sep. 4, 1967	5	1½	137	60	"	D	Fill 5; brown limestone 75; blue shale 82; red shale 137. Water at 90.
Con II	"	B. Furness	Jan. 24, 1967	5	21	40	30	"	D	Sand clay 41; brown limestone 65; blue shale 72; red shale 85. Water at 70.
Con II	"	C. Kramer	Apr. 1, 1967	5	10	40	6	"	D	Grey limestone 68; blue shale 75; red shale 80. Water from 60 to 75.
Con III	"	M. Wilson	Oct. 20, 1964	5	7	24	19	"	D, S	Dug well 23; gravel 45; hardpan 112; grey limestone 149; brown limestone 154. Water at 145.
Con III	"	B. Belrose	Apr. 7, 1964	5	12	50	45	"	D	Clay sand gravel 45; large boulders 60; brown limestone 100; blue shale 106; red shale 114. Water from 90 to 106.
Con III	"	G. Scherzer	Oct. 26, 1964	4	1½	70	10	"	D	Topsoil sand 5; grey limestone 30; blue limestone 82; blue shale 84; red shale 91. Water from 60 to 82.
Con III	"	D. Sopp	Aug. 30, 1964	5	10	18	12	"	D	Clay 6; white limestone 65; bluish grey limestone 75; blue shale 82; red shale 91. Water from 70 to 82.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Derry Twp. - cont.										
Con III	13 P. Bakker	D. Wright & Sons	June 21, 1966	5	10	20	8	Fresh	D	Clay 8; limestone 87; blue shale 92; red shale 95. Water at 87.
Con III	13 D. Nickel	A. Wright	July 31, 1967	5	6	12	7	"	D	Clay 8; brown limestone 80; blue shale 88; red shale 95. Water at 85.
Con III	"	"	July 19, 1967	5	5	25	5	"	D	Clay 8; light brown limestone 78; blue shale 88; red shale 98. Water at 88.
Con III	13 W. Stumm	"	July 27, 1967	5	5	17	4	"	D	Clay stones 8; brown limestone 77; blue shale 85; red shale 92. Water at 84.
Con III	13 V. Walsesley	"	June 5, 1967	5	3	150	60	Salty	N	Clay 65; gravel 80; red shale 90; blue shale 150. Water at 145.
Con III	17 J. Foulds	"	June 10, 1967	5	2	80	30	Fresh	D	Clay stones 70; gravel 85; red shale 95; blue shale 112. Water at 90.
Con III	17 Barowen Hold- ings Ltd.	R. & S. Wright	June 28, 1967	6 1/4	12	65	30	"	C	Topsoil red sand 16; hard blue clay 40; blue shale 65; grey limestone 100. Water from 70 to 100.
Con III	17 J. Donaldson	S. Wright	June 30, 1967	5	10	55	18	"	D	Topsoil sand 18; hard clay hardpan 64; grey rock 77. Water from 66 to 73.
Con IV	13 W. Patton	D. Wright & Sons	Mar. 10, 1965	5	3	90	8	"	D	Limestone 85; blue shale 90; red shale 102. Water from 40 to 85.
Con IV	13 D. Nickel	"	Mar. 24, 1965	5	10	25	12	"	D	Topsoil 3; grey limestone 70; brown limestone 80. Water at 70.
Con IV	13 " "	"	May 20, 1966	5	10	50	8	"	D	Grey limestone 80; brown limestone 86. Water at 80.
Con IV	13 " "	"	Mar. 24, 1967	5	3	80	3	"	D	Clay 8; grey limestone 89; blue shale 97; red shale 105. Water from 60 to 90.
Con IV	13 W. Stumm	W. Wright	Apr. 19, 1967	5	10	18	5	"	D	Clay 3; limestone 83. Water from 60 to 75.
Con IV	13 W. Patton	D. Wright & Sons	July 8, 1965	5	5	20	7	"	D	Clay 5; grey limestone 75; blue shale 83. Water at 45 and 70.
Con IV	13 C. Morris	E. & S. Wright	July 14, 1965	5	2	95	5 1/2	"	D	Grey clay 7; brown limestone 40; blue limestone 80; grey limestone 90; blue shale 95; red shale 101. Water at 40.
Con IV	13 L. Fletcher	"	Sep. 24, 1965	5	5	93	6	"	D	Brown limestone 30; grey limestone 87; blue shale 93; red shale 100. Water at 45 and 85.
Con IV	17 Doyle's Marina	W. Wright	Apr. 12, 1967	5	10	60	4	"	C	Clay boulders 13; loose limestone 26; solid limestone 75; blue shale 85; red shale 131. Water from 75 to 120.
Con IV	17 H. Robinson	A. Wright	Sep. 20, 1967	6 1/2	1	80	50	"	D	Blue clay 72; grey shale 90; brown limestone 128. Water from 90 to 128.
Con V	1 A. Kuhl	A. Loucks	Nov. 18, 1965	5	15	18	8	"	D, S	Clay gravel 26; limestone 42. Water from 35 to 42.
Con V	9 C. Barfoot	R. & S. Wright	Feb. 19, 1965	5	15	21	21	"	D	Brown sandy clay 17; brown sand 33; brown limestone 60; grey limestone 73 1/2. Water at 70.
Con VI	10 W. Vokes	A. Loucks	Apr. 27, 1966	5	15	20	8	"	D	Clay stones 11; limestone 60. Water from 45 to 60.
Con VI	1 " W. Vokes's	R. & S. Wright	Sep. 23, 1966	5	2	120	14	"	D	Brown sandy clay 28; brown clay stones 34; blue limestone 85; grey limestone 125. Water at 60.
Con VII	3 R. Abra	"	Sep. 14, 1966	5	14	30	22	"	D, S	Limestone 18; grey limestone 53. Water at 52.
Con VII	6 W. Farley	"	Oct. 17, 1964	4 1/4	4	100	35	"	D	Dug well 36; hardpan gravel 38; grey limestone 128. Water from 110 to 125.
Con VII	7 W. Mundle	L. & A. Wright	Sep. 10, 1965	5	12	50	15	"	D, S	Clay boulders 24; grey limestone 50. Water at 45.
Con VIII	1 Keady Livestock Market	A. Loucks	July 5, 1966	5	15	20	12	"	S	Boulders gravel 20; limestone 45. Water from 35 to 45.
Con VIII	7 J. Cook	R. & S. Wright	Dec. 15, 1967	5	7	90	33	"	D, S	Dark soil 3; brown sand 15; brown sand stones 68; brown limestone 107. Water at 75 and 105.
Con VIII	15 H. Hall	D. Wright	Oct. 22, 1966	5	10	80	19	"	D	Stones gravel 22; brown limestone 130. Water at 75 and 125.
Con VIII	17 E. Hall	"	Oct. 13, 1967	5	10	45	30	"	D	Gravel stones 50; brown limestone 138; blue limestone 145. Water at 138.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Con IV Agreement Twp. lot 10 P.Centlon		Durham Drlg. & Enterprises Ltd.	Sep.28,1965	4	15	40	36	Fresh	D,S	Open hole 11;sandy clay 70;sandy clay boulders 100;grey clay 115;grey sand 140;sandy clay 160;sand 165;fine gravel 172. Water at 85 and 172.
Con IV	" 15 G.Shea	Water Well Drlg.	May 19,1964	5	20	55	55	"	D,S	Boulders 25;stones hardpan 90;gravel 127;grey limestone 180; grey brown limestone 280. Water at 265.
Con IV	" 29 W.McQueen	G.L.Davidson	Aug.18,1966	4	7	50	26	"	D,S	Topsoil 1;sand gravel 3;brown clay 12;clay stones 51;gravel stones hardpan 81;grey hard rock 120;white grey hard rock 156. Water at 156.
Con V	" A.P.Ellis	Water Well Drlg.	Apr.26,1964	5	15	35	20	"	D,S	Sand 20;hardpan 40;sand gravel 90;gravel 130;light brown limestone 282. Water at 282.
Con V	" 1 P.Hartwright	"	Mar.15,1966	5	10	40	32	"	D,S	Clay boulders 25;hardpan 70;mixed clay gravel 116;mixed grey brown limestone 170;grey limestone 250;white limestone 280; brown limestone 286. Water at 283.
Con VI	" 5 K.Iles	Hadco Well Digging Ltd.	Jan.4,1967	30	3	39	32	"	D	Sandy gravel 9;brown clay 18;blue clay 32;sand 35;blue clay 36;coarse sand 40. Water at 32.
Con VI	" 20 R.Bacher	K.Nighton & Son	July20,1964	4	5	35	23	"	D,S	Open hole 23;clay 77;clay gravel 80;clay hardpan 95;grey rock 99. Water from 96 to 99.
Con VIII	" 8 P.Preuss	Water Well Drlg.	Dec.14,1966	5	22	50	45	"	D,S	Hardpan 76;brown clay 150;hardpan boulders 217;grey limestone 360. Water from 355 to 360.
Con X	" 1 J.Naninga	G.L.Davidson	Oct.13,1965	4	15	13	11	"	D,S	Gravel stones 26;stony hardpan 72;hardpan 102;clay 112;hardpan boulders 132;soft clay 146;blue soft shale 159;brown hard rock 166;grey hard rock 190. Water at 190.
Con X	" 12 J.Braun	Water Well Drlg.	Mar.14,1967	5	22 1/2	20	15	"	D,S	Clay 7;hardpan 56;hardpan boulders 127;gravel boulders 142; hardpan blue boulders 168;loose yellow limestone 172;grey limestone 240;white limestone 280;grey limestone white limestone 424. Water at 304, 355, 395, 408, from 415 to 424.
Con XIII	" 24 W.Switzer	G.L. Davidson	Mar.24,1966	4	9	25	17	"	D,S	Topsoil 2;stony clay 4;hard sand 80;pink white hard rock 84; brown grey hard rock 166. Water at 166.
Con XIV	" 25 G.Barfoot	Pratt Bros.	Mar.12,1964	4	7	70	35	"	D,S	Clay stones 36;red clay 96;white limestone 198. Water at 106 and 198.
Con XV	" 9 L.Wooles	G.L.Davidson	Oct.3,1964	4	8	70	45	"	D,S	Topsoil 2;clay stones 18;blue clay 25;sand 29;hardpan 85;stony hardpan 140;grey hard rock 148;whitish brown hard rock 257. Water at 257.
Con XVII	" 1 R.Ceislars	Durham Drlg. & Enterprises	Feb.18,1965	4	10	20	15	"	D,S	Dug well 23;boulders 30;sand 40;boulders hardpan 60;gravel 73. Water at 73.
Con XIX	" 1 W. Davis	Pratt Well Drlg.	Aug.17,1965	4	6 1/2	28	28	"	D,S	Sand gravel 30;sand 90;hardpan 109;gravel 110. Water at 110.
Con XX	" 20 M. Baer	Durham Drlg. & Enterprises	Feb.22,1964	4	18	32	22	"	D,S	Open hole 32;sandy clay 50;gravelly clay 75;hard sandy clay 90; sand 110;hard brown rock 113. Water from 90 to 110.
Con XX	" 25 M.Nelson	G.L.Davidson	Mar.10,1965	4	15	25	21	"	D,S	Topsoil 1;clay stones 18;clay sand gravel 63;gravel sand 68; hardpan stone 135;brown hard rock 155;brown medium hard rock 205. Water from 204 to 205.
Con XXI	" A J.Giese	Durham Drlg. & Enterprises Ltd	Nov.20,1967	4	10	60	60	"	D,S	Topsoil 1;gravel 50;boulders 52;brown hardpan 110;coarse gravel 111. Water from 110 to 111.
Con XXI	" 10 K.Wells	K.Nighton & Son	Aug. 8,1966	4	5	50	30	"	D	Open hole 23;gravelly clay 95;hard clay 98;white limestone 99; brown rock 101. Water from 99 to 101.
Con XXI	" 20 S.Harrison	Pratt's Well Drlg.	Jan.19,1965	4	7	32	31	"	D,S	Gravel sand 30;hardpan 115;white limestone 137. Water at 137.
Con XXII	" 9 G.Wilson	"	Jan.28,1965	4	8	54	53	"	D,S	Gravel 79;gravel 80. Water at 80.

GREY COUNTY - - cont.  
 Egrement Twp. - cont.  
 Garafraze Road East  
 GRE Con I lot 3 E. Matthews

GRE Con I	"	3	E. Matthews	Pratt Bros.	Sep. 19, 1964	4	7	19	12	Fresh	D	Gravel 10; hardpan 17; white limestone 128. Water at 85 and 128.
GRE Con I	"	3	W. Curry	Durham Drlg. & Enterprises	May 11, 1965	4	10	65	55	"	D	Gravel 20; hardpan boulders 60; sand gravel 82; hard brown limestone 102. Water from 95 to 102.
GRE Con I	"	3	R. Weber	"	June 1, 1967	4	15	5	5	"	D	Fill 4; stony hardpan gravel 16; hard grey limestone 79. Water from 70 to 79.
GRE Con I	"	4	N. Phillips	"	Aug. 29, 1967	4	15	22	22	"	D	Topsoil 1; hardpan stones 17; hard white rock 73. Water from 65 to 73.
GRE Con I	"	10	M. Dixon	"	Oct. 22, 1964	4	10	85	70	"	D, S	Topsoil 3; sand 20; grey clay 100; sandy clay 130; stony sand clay 160; hard grey clay 206; grey limestone 228. Water at 220 and 228.
GRE Con I	"	16	Ont. Dept. of Highways	K. Mighton & Son	Feb. 21, 1967	7	Flows	Flows	Flows	"	P	Large stones clay 18; hard gravelly clay 50; hardpan 60; grey shale clay 80; natural gas 81; grey shale 115; hard grey limestone 127. Water at 120 and 127.
GRE Con I	"	17	F. Cottell	Durham Drlg. & Enterprises	June 12, 1965	4	10	85	80	"	D, S	Topsoil 3; boulders 30; sandy clay 100; yellow sand 170; grey sand 192; grey rock 223. Water from 192 to 223.
GRE Con I	"	30	N. Schmidt	"	July 3, 1967	4	20	20	18	"	In	Topsoil 1; hard stony gravel 30; sand clay 70; sand 75; blue shale 78; grey rock 112. Water from 105 to 112.
GRE Con III	"	2	J. Grant	Pratt's Well Drlg.	June 22, 1966	4	6 1/2	32	32	"	D	Sand gravel 92; white limestone 108. Water at 106.
GRE Con III	"	37	Twp. School Area	G. L. Davidson	Jan. 16, 1964	6	11	105	48	"	P	Gravel hardpan stones 112; silt hardpan stones boulders 192; brown limestone 224; light brown limestone 252; hard grey limestone 252; hard grey limestone 264; brown limestone 304; brown light medium brown limestone 328; grey brown hard limestone 333. Water at 252, 304 and 333.
GRE Con III	"	44	F. Dingwell	K. Mighton & Sons	Oct. 20, 1967	4	4	55	36	Fresh	D, S	Topsoil 1; stony clay 10; gravel clay 68; hardpan 73; coarse sand 74. Water at 74.
GRE Con III	"	68	E. Shier	"	July 15, 1964	4	6 1/2	17	16	"	D	Open hole 23; hardpan 26; stony clay 85; coarse gravel sand 101. Water from 98 to 101.
GRE Con III	"	68	B. Pothergill	"	Nov. 25, 1966	4	8	50	25	"	D	Topsoil 2; gravelly clay hardpan 78; coarse sand gravel 90. Water at 89 and 90.
Euphrasia Twp. lot 7	L. Cross	7	L. Cross	D. Sewell	July 23, 1966	4	8	40	20	Fresh	D, S	Clay 1; white limestone 51. Water at 28 and 50.
Con I	"	14	H. Hollingworth	"	Nov. 2, 1965	4	1 1/2	48	29	"	D	Brown clay 15; red clay 30; red blue shale 50. Water at 32.
Con I	"	19	A. Taylor	A. Loucks	Nov. 26, 1964	4	12	5	Flows	"	D, S	Gravel boulders 25; gravel clay 90; sand gravel 94. Water from 90 to 94.
Con II	"	14	W. Woodhouse	Pratt's Well Drlg.	June 4, 1965	4	4	45	40	"	D, S	Shaly rock 8; blue shale 58. Water at 58.
Con II	"	15	J. Graham	D. Sewell	Nov. 20, 1965	4	2	45	11	"	S	Stony clay 27; silty gravel 38; soft clay 42; packed gravel 47. Water from 45 to 47.
Con II	"	18	Dr. E. Charters	"	July 1, 1966	4	1	70	10	Salty	D, S	Topsoil 5; sandy gravel 12; red clay 30; blue clay 45; soft blue shale 80. Water from 9 to 12 and from 70 to 80.
Con IV	"	8	Dr. R. Staroste	T. Nimmo	Dec. 23, 1966	4	3	145	Flows	Fresh	D	Loam 5; blue clay 65; quicksand 75; blue clay 155. Water from 150 to 155.
Con IV	"	21	E. Smith	D. Sewell	Oct. 24, 1966	4	5	70	30	"	D	Clay 6; white limestone 36; brown limestone 80. Water at 36, and from 71 to 80.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Euphrasia Twp.- cont. Con IV lot 29 C.Wiley		K.Mighton & Son	July 21, 1964	4	5	60	40	Fresh	D, S	Previously drilled 60; brown rock 77; blue shale 78. Water from 65 to 78. Topsoil 1; brown clay 16; dark brown sand 234. Dry hole.
Con V	" 5 R.Gibbons	Durham Drlg. & Enterprises	Apr. 26, 1966							
Con V	" 15 E.Roach	D.Sewell	Sep. 26, 1966	5	6	28	12	Fresh	D	Topsoil 1; clay 20; sandy gravel 35. Water from 20 to 35.
Con V	" 22 D.Meers	"	Oct. 15, 1966	5	10	33	23	"	D	Brown clay 15; limestone 35. Water from 30 to 35.
Con VI	" 9 E.Ehlers	Pratt Bros.	Aug. 29, 1964	5	10	90	87	"	D	Clay boulders 30; red clay 52; cream limestone 69; white limestone 124. Water at 124.
Con VI	" 21 Twp Euphrasia	D.Sewell	Sep. 2, 1966	5	15	20	16 1/2	"	P	Topsoil 3; stony clay 10; yellow clay gravelly 20; brown limestone 40. Water from 21 to 40.
Con VII	" 10 G.McLeod	A.Loucks	June 26, 1967	5	8	35	27	"	P	Topsoil 1; yellow hardpan 15; broken rock 19; white limestone 45; brown limestone 73. Water from 45 to 73.
Con VII	" 12 P.Pink	Durham Drlg. & Enterprises Ltd.	June 11, 1964	4	20	14	14	"	D, S	Hardpan boulders 23; white limestone 36. Water from 30 to 36.
Con VII	" 15 M.Risk	K.Mighton & Son	Aug. 25, 1964	5	4	35	12	"	D, S	Old well 30; grey rock 57. Water from 50 to 57.
Con VII	" 21 R.Thompson	"	July 17, 1964	4	20	14	13	"	D	Topsoil 1; sand gravel 10; brown clay 15; coarse gravel 24; grey rock 34; brown rock 37. Water at 36.
Con VII	" 22 M.Wynoch	D.Wright & Sons	July 7, 1964	5	10	15	12	"	D	Gravel boulders 2; brown limestone 45. Water at 40.
Con VIII	" 24 A.McVittie	"	Mar. 9, 1965	5	8	70	10	"	D, S	Dug well 20; brown limestone 40; blue limestone 126. Water at 50 and 110.
Con IX	" 29 J.Bennett	D.Sewell	Oct. 23, 1967	5	10	19	17	"	D	Topsoil 1; clay 4; brown limestone 27; green shale 30. Water from 20 to 28.
Con X	" 1 J.Hutchinson	K.Mighton & Son	Feb. 17, 1965	4	5	60	40	"	D, S	Topsoil 1; gravelly clay 20; sand 25; grey shale 29; white limestone 50; brown limestone 55; white limestone 195; bluish grey limestone 198. Water from 60 to 65 and at 194 and 198.
Con X	" 3 J.Brady	A. Loucks	Dec. 12, 1969	5	12	60	50	"	D, S	Stones gravel 49; brown limestone 79. Water from 65 to 79.
Con X	" 19 I.Clark	D.Wright	Jan. 15, 1965	5	10	50	50	"	D, S	Hardpan boulders 40; brown limestone 60; grey limestone 130; blue grey limestone 135. Water at 60 and 130.
Con X	" 21 D.Breadner	D.Sewell	Oct. 1, 1965	5	2 1/2	120	65	"	D	Clay 15; limestone 125. Water at 108 and 118.
Con XI	" 6 L.Harvey	Pratt Bros.	Aug. 26, 1964	4	7	52	49	"	D, S	Clay stones 52; cream coloured limestone 121. Water at 121.
Con XI	" 19 O.Fitzsimmons	D.Wright & Sons	Dec. 5, 1964	5	7	49	48	"	D	Dug well 42; shale 54; brown limestone 100. Water at 94.
Con XI	" 25 G.Murray	D.Sewell	Aug. 5, 1966	5	6	38	16	"	D	Gravelly clay 10; gravel 17; white limestone 20; reddish brown limestone 38; white limestone 42. Water from 34 to 38.
Con XI	" 30 A.Rennie	"	July 17, 1967	5	1	95	22	"	D	Topsoil 1; stones brown clay 12; grey limestone 54; brown limestone 64; blue shale 63; red shale 100; blue shale 105. Water from 38 to 40 and from 70 to 80.
Con XI	" 30	"	July 21, 1967	5	12	34	24	"	D, S	Topsoil 1; brown clay 9; silty clay 11; brown clay 22; brown limestone 38. Water from 28 to 38.
Con XII	" 1 C.Brown	A.Loucks	Jan. 19, 1967	5	10	40	30	"	D, S	Gravel boulders 58; limestone 80. Water from 70 to 80.
Con XII	" 17 L.Barry	K.Mighton & Son	Nov. 24, 1964	4	9	70	51	"	D, S	Topsoil 2; hardpan 20; large stones 45; grey limestone 80; brown limestone 103. Water from 85 to 103.
Con XII	" 25 R.Murray	D.Sewell	Dec. 12, 1966	5	12	28	24	"	D	Stony loam 5; stones gravel 24; white limestone 40. Water at 30.

J. Magee	A. Loucks	July 19, 1964	4	10	30	21	Fresh	D	Gravel boulders 50; dirty gravel 130; limestone 162. Water from 130 to 162.
F. Eagles	Durham Drlg. & Enterprises Ltd.	Nov. 7, 1964	4	15	49	28	"	D	Open hole 25; clay 35; sand clay boulders 80; sand 88; brown rock 133. Water from 120 to 133.
C. Betts	Pratt's Well Drig.	Feb. 12, 1965	4	8	24	23	"	D	Clay 18; soft red clay 105; hardpan 128; brown limestone 145. Water at 145.
K. Armstrong	"	Mar. 6, 1965	4	7	2	18	"	D	Clay stones 27; soft red clay 95; brown limestone 108. Water at 108.
F. Irwin	"	Mar. 13, 1965	4	7	4	3	"	D	Old well 12; soft red clay 138; white limestone 155. Water at 155.
L. White	"	Apr. 1, 1965	4	8	25	17	"	D	Clay stones 12; blue clay 100; brown shaly rock 160. Water at 106 and 160.
L. Neubauer	Durham Drlg. & Enterprises	May 5, 1965	4	18	35	20	"	D	Topsoil 3; gravel boulders 40; gravel sand 60; hardpan 80; gravel 85. Water from 80 to 85.
Bell Telephone Co. Canada	Davidson Well Drig.	June 8, 1966	5	10	30	22	"	C	Sand coarse gravel stones boulders 38; dirty silty sand gravel 148; brown soft limestone 162. Water from 160 to 162.
N. Stoddart	Durham Drlg. & Enterprises Ltd.	Mar. 27, 1967	4	10	40	15	"	D	Fill 5; clay 17; clay boulders 25; brown hardpan 70; clay gravel 76; hard brown rock 111. Water from 102 to 111.
W. Smith	K. Mighton & Sons	Apr. 24, 1967	4	5	40	8	"	D	Topsoil 1; hard clay 10; sandy clay 30; hard clay large stones 55 Gravelly clay 80; medium sand 84. Water from 80 to 84.
South East Grey Board of Education	Davidson Well Drig.	June 21, 1967	8	30	175	14	"	P	Topsoil 2; coarse gravel 7; hardpan 12; sand gravel 18; sandy marl 28; rough gravel 32; sand clay 41; hardpan 54; brown quicksand 98; fine brown sand 133; brown hard soft shale 155; brown hard limestone 160; light brown hard limestone 172; buff limestone 180; white buff limestone 186; grey hard limestone 200; dark grey limestone 208; light grey hard limestone 232; dark grey limestone 274; blue buff shale 318; dark grey hard limestone 336; hard brown limestone 382; red blue limestone shale 368; blue bridging shale 372; red bridging shale 385. Water at 172, 385.
T. Baeburn	Durham Drlg. & Enterprises Ltd.	Aug. 15, 1967	4	15	30	20	Fresh	D	Topsoil 1; clay gravel 60; hardpan 97; shale 100; brown rock 154. Water from 145 to 154.
M. Juffs	"	Aug. 15, 1967	4	15	40	36	"	D	Gravel boulders 25; hardpan 35; sandy clay 40; quicksand 55; gravel boulders 60; sand gravel 75; grey clay 99; brown rock 159. Water from 150 to 159.
V. Lavender	"	Sep. 7, 1967	4	20	25	23	"	D	Topsoil 1; gravel 20; clay gravel 65; clean gravel 72. Water from 70 to 72.
M. Hyward	"	Nov. 3, 1967	4	20	26	14	"	D	Clay boulders 21; gravel 25; red clay 68; soft brown rock 88. Water from 80 to 88.
Senior Citizens Home	K. Mighton & Sons	Nov. 10, 1967	4	9	50	8	"	P	Topsoil 1; large stones clay 20; hard grey clay 45; gravelly clay 85; hardpan 90; coarse sand 94. Water from 90 to 94.
J. Richards	Elliot Drig.	Apr. 2, 1965	4	7	42	20	"	D	Topsoil 5; boulders 15; grey clay 35; clay gravel layers 55; sand gravel 75; sand 90; loose rock 97; limestone 200. Water at 170, 180 and 200.
L. Boyd	Pratt's Well Drig.	Aug. 8, 1965	4	7	24	23	"	D	Clay stones 28; clay 65; gravel 98; hardpan 142; brown limestone 164. Water at 164.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
									(Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.									
Glenelg. Twp. -									
Con V lot 11	O. Schenk	Pratt Bros.	May 12, 1964	4	7	39	Fresh	D, S	Gravel 26; hardpan 86; creamy limestone 91. Water at 91.
Con V " 21	I. Davis	Durham Drlg. & Enterprises Ltd.	July 1, 1966	4	10	40	"	D	Topsoil 1; hardpan boulders 25; sand gravel 60; brown hard clay 120; brown hard rock 151. Water from 145 to 151.
Con V " 23	T. Alderwick		June 17, 1967	4	15	25	"	D	Topsoil 1; hardpan 118; 18; sand brown clay 70; brown hardpan 118. Water from 140 to 148. Water at 147.
Con VII " 4	G. Timmins	Pratt's Well Drlg.	May 6, 1965	4	8	29	"	D, S	Clay boulders 50; hardpan 98; white limestone 117. Water at 117.
Con VII " 9	C. Robson	"	Dec. 3, 1964	4	6 1/2	38	"	D, S	Clay boulders 85; cream coloured limestone 95. Water at 95.
Con IX " 10	M. Campbell	"	June 30, 1964	4	7	46	"	D	Shaly rock 8; cream limestone 42; white limestone 80. Water at 80.
Con IX " 21	F. McCaskell	Durham Drlg. & Enterprises	Sep. 14, 1964	4	20	35	"	D, S	Topsoil 3; gravel clay 20; grey clay 40; sandy clay 51; grey rock 80. Water from 70 to 80.
Con XI " 5	M. Strain	K. Mighton & Sons	Sep. 12, 1966	4	9	60	"	D, S	Topsoil 1; stones sandy clay 12; gravel 13; sand clay gravel 120; 50; dirty sand gravel 78; sand gravel layers hardpan 95; layers white shale gravel 160. Water at 160.
Con X " 19	R. Hutchinson	D. Wright & Sons	Apr. 2, 1964	5	10	18	"	D, S	Gravel 1; large boulders 60; brown limestone 90. Water from 75 to 86.
Con XIII " 5	C. Vaughan	K. Mighton & Sons	Sep. 16, 1966	4	4	50	"	D, S	Topsoil 1; stony clay 15; hardpan gravel 47; fine gravel 55; sand gravel 68; hardpan 69; coarse sand 72; hardpan 75; gravel sand 88; hardpan 89; coarse gravel 90. Water at 90.
Durham Road North & South									
DN Con I " 43	P. McKinnon	Pratt Bros.	Dec. 12, 1964	4	6 1/2	42	"	D, S	Topsoil 1; clay stony gravel streaks 142; brown limestone 160. Water at 160.
DN Con III " 35	A. Neville	"	May 18, 1965	4	7	72	"	D	Gravel 18; sand 75; sandy hardpan 113; white limestone 180. Water at 180.
DBS Con I " 20	G. Schade	Durham Drlg. & Enterprises Ltd.	June 10, 1967		10	75	"	D	Fill 2; hard stony gravel 46; brown hardpan 130; sandy clay 136; hard grey limestone 149. Water from 140 to 149.
DBS Con II " 17	D. Blair	Pratt Bros.	May 6, 1964	4	7	67	"	D	Gravel 18; sand 115; creamy soft limestone 143. Water at 143.
DBS Con III " 15	C. Kennedy	Durham Drlg. & Enterprises Ltd.	Oct. 30, 1965	4	12	34	"	D	Open hole 12; stones gravel 40; cemented gravel 90; hard brown rock 96. Water from 95 to 96.
DBS Con IV " 10	G. Brown	Pratt's Well Drlg.	May 27, 1966	4	6	118	"	D	Gravel 40; sand gravel 128; hardpan 133; gravel 133 1/2. Water at 133 1/2.
RE Con I " 1	D. Keiffer	"	June 1, 1965	4	7	30	"	D	Clay boulders 31; cream coloured limestone 52. Water at 52.
RE Con I " 4	G. Bartholomew	K. Mighton & Son	Oct. 11, 1966	4	10	39	"	D, S	Topsoil 1; boulders gravel 26; sand 45; hardpan 48; gravel sand layers clay 61; sand 68; gravelly sand 72; grey rock 89. Water from 80 to 89.
RE Con I " 2		Pratt's Well Drlg.	July 12, 1965	4	10	20	"	D	Sand gravel 45; grey hardpan 80; white limestone 89. Water at 89.
RE Con I " 28	W. Russell	Pratt Bros.	July 10, 1964	4	6	74	"	D	Gravel 30; sand 69; white limestone 105. Water at 105.
RE Con I " 29	M. Rutter	Durham Drlg.	June 21, 1967	4	15	42	"	D	Topsoil 1; hardpan stones gravel 30; sandy clay 66; hard brown white rock 90. Water from 80 to 90.
RE Con II " 17	A. Doerpijper	Pratt's Well Drlg.	July 12, 1966	4	8	42	"	D	Gravel 42; sand 77; white limestone 102. Water at 102.
RE Con II " 30	H. Mullin	Durham Drlg. & Enterprises Ltd.	June 27, 1967	4	5	80	"	D, S	Stones gravel 24; gravel 30; hard grey limestone 117. Water from 100 to 117.
RE Con II " 57	J. Brown	"	July 10, 1964	4	10	85	"	D, S	Open hole 50; hard stony gravel 113; hard white limestone 140. Water from 135 to 140.
RE Con II " 50	W. Thompson	Pratt Bros.	Jan. 14, 1964	4	7	18	"	D, S	Gravel large boulders 22; white limestone 45. Water at 45.
RE Con II " 59	T. Leck	Pratt's Well Drlg.	May 6, 1965	4	10	25	"	Ir	Clay 4; white limestone 80. Water at 28 and 80.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
GREY COUNTY - cont.										
Holland Twp. - cont.										
Garafaxa Road East										
GRE Con I	30 E.Reid	A.Loucks	Sep. 8, 1966	4	10	50	30	Fresh	D	Boulders clay gravel 68; limestone 90. Water from 80 to 90.
GRE Con I	31 Holland Twp. Community Centre	"	Oct. 6, 1967	5	8	60	28	"	P	Topsoil 2; boulders 48; hardpan 60; boulders 69; grey limestone 100; brown limestone 109. Water from 105 to 106.
GRE Con I	14 D.Elder	W.Wright	Feb. 25, 1965	4	8	25	15	"	D	Gravel boulders 24; limestone 55. Water from 40 to 55.
GRE Con I	15 D.Fuadicoeb	"	May 16, 1967	5	14	20	17	"	D	Hardpan boulders 26; brown limestone 56; greyish limestone 66. Water from 54 to 60.
GRE Con I	15 K.Schumacher	A.Loucks	Sep. 22, 1967	5	6	46	36	"	D	Topsoil 2; sand gravel 60; boulders 20; hardpan 30; boulders 70; white limestone 80; brown limestone 86. Water from 84 to 86.
GRE Con II	27 L.Wheildon	"	July 27, 1965	5	12	60	45	"	D, S	Topsoil 4; gravel boulders 78; limestone 100. Water from 95 to 98.
GRE Con II	44 J.Stock	K.Mighton & Son	Jan. 3, 1966	4	10	24	22	"	D	Old well 32; sand gravel 55; large stones hardpan 59; hard brown limestone 64. Water from 60 to 64.
GRE Con III	12 J.Kennifick	M.Bellert	Dec. 1, 1964	4	6 1/2	42	38	"	D, S	Topsoil 3; gravel 38; white limestone 54. Water at 52.
GRE Con III	43 W.Bailey	A.Loucks	Aug. 19, 1965	4	10	75	35	"	D, S	Gravel boulders 33; white limestone 105. Water from 90 to 105.
GRE Con III	46 L.Cook	Pratt's Well Drig	Nov. 24, 1965	4	7	57	45	"	D, S	Clay boulders 75; brown limestone 86. Water at 86.
GRE Con IV	1 L.Kirk	A.Loucks	Feb. 21, 1965	4	5	120	80	"	D, S	Gravel 100; boulders 11; limestone 140; gravel sand 170. Water from 140 to 150.
GRE Con V	28 N.Smith	Durham Drig.	Sep. 1, 1967	4	10	61	20	"	D	Topsoil 1; clay gravel 25; brown hardpan 52; brown limestone 87. Water from 80 to 87.
GRE Con V	30 J.Dickson	"	May 2, 1967	4	10	120	100	"	D, S	Topsoil 1; hardpan stones 94; hardpan 155; stones gravel 165; coarse gravel 171. Water from 168 to 171.
GRE Con VII	30 J.Gifford	Pratt Bros.	Oct. 6, 1964	4	6	76	75	"	D	Sand gravel 30; hardpan 97; gravel 98. Water at 99.
GRE Con IX	12 I.Wegner	A.Loucks	Dec. 4, 1967	5	15	10	8	"	D	Gravel boulders 70; broken limestone 74. Water from 72 to 74.
GRE Con X	3 G.Johnston	R.&S. Wright	Dec. 19, 1964	4 1/2	5	60	30	"	D	Topsoil stones 1; grey limestone 103. Water at 97 and 103.
GRE Con XI	3 R.Young	"	Nov. 28, 1964	5	5	80	17	"	D, S	Well dug 00 rock 17; grey limestone 65; blue limestone 117; blue shale 118. Water from 95 to 117.
GRE Con XII	2 T.Marchand	D.Wright & Sons	Sep. 21, 1966	5	5	50	12	"	D	Brown clay 12; grey limestone 60. Water at 55.
SRE Con I	18 L.Weatherall	A.Loucks	Nov. 1, 1965	5	7	60	50	"	D, S	Boulders clay gravel 45; limestone 88. Water from 75 to 88.
SRE Con I	26 G.Cook	D.Wright & Sons	Jan. 21, 1964	5	10	40	21	"	D, S	Sandy gritty sticky clay 85; brown limestone 157 1/2. Water at 125 and 150.
SRE Con I	28 L.Patton	A.Loucks	Dec. 1, 1967	5	10	35	20	"	D	Stones gravel 76; yellow limestone 95. Water from 85 to 95.
SRE Con I	32 T.Shaw	"	Nov. 26, 1964	4	5	60	30	"	D	Gravel boulders 75; limestone 98. Water from 75 to 98.
SRE Con I	37 C.F.Holly	"	Aug. 21, 1965	5	10	50	40	"	C	Gravel boulders 50; brown limestone 73. Water from 65 to 73.
SRE Con I	50 C.Centr. Ltd.	Pratt's Well Drig	Feb. 27, 1965	4	6 1/2	51	49	"	D, S	Clay boulders 82; brown shaly rock 95. Water at 95.
SRE Con I	60 B.Cowan	A.Loucks	Sep. 9, 1967	5	10	30	25	"	D	Boulders clay 56; yellow limestone 82. Water from 75 to 82.
SRE Con I	61 R.McCann	Pratt Bros.	June 16, 1964	5	6	48	35	"	D	Gravel 6; clay boulders 48; shaly rock 80. Water at 80.
SRE Con I	61 J.McLaughlin	"	Aug. 7, 1964	4	6	56	45	"	D, S	Rough gravel 16; hardpan 59; shaly black rock 64; black rock 85. Water at 85.
SRE Con I	65 C.Allen	K.Mighton & Sons	Nov. 11, 1964	4	13	33	24	"	D, S	Open hole 28; stony clay 38; grey limestone 53. Water from 48 to 59.
SRE Con I	70 W.McLean	M.Pellert	Aug. 1, 1964	4	6	26	13	"	D	Sandy gravel 40; white limestone 55. Water from 52 to 55.
SRE Con I	74 A.Promaine	Pratt Bros.	June 26, 1964	4	6	86	67	"	D, S	Clay boulders 89; brown limestone 126. Water at 126.
SRE Con I	82 S.Bennett	"	Dec. 19, 1964	4	7	16	15	"	D, S	Gravel 9; sand 57; brown limestone 60. Water at 60.
SRE Con I	87 H.Flenkin	A.Loucks	Sep. 20, 1965	4	8	60	45	"	D	Gravel boulders 69; limestone 73. Water from 70 to 73.
SRE Con I	91 J.Eagles	"	July 2, 1964	4	12	60	40	"	D	Yellow gravel boulders 85; yellow limestone 92. Water from 85 to 92.

GREY COUNTY - cont.									
Holland Twp. - cont.									
Sydenham Road East & West									
SRE Con II	lot 7	McKinley Trans- port Co.	July 2, 1964	5	8	26	24	Fresh	S
SRE Con II	"	"	June 15, 1965	4	8	22	18	"	D
SRE Con II	"	A. Loucks	Sept. 27, 1966	4	5	115	70	"	D, S
SRE Con II	"	"	Oct. 19, 1966	4	14	60	45	"	D, S
SRE Con III	"	D. Taylor	Nov. 18, 1964	4	15	35	28	"	D, S
SRE Con III	"	"	Sept. 15, 1964	4	17	30	25	"	D, S
SRE Con IV	"	"	Sept. 22, 1964	4	10	50	30	"	D
SHW Con I	"	"	May 12, 1966	5	13	25	30	"	D
SHW Con I	"	"	Jan. 28, 1964	5	15	175	Flows	"	P
SHW Con I	"	D. Wright	July 12, 1967	5	10	22	2	"	C
SHW Con I	"	R. & S. Wright	Jan. 29, 1964	5	8	30	12	"	D
SHW Con I	"	D. Wright	June 11, 1967	5	5	25	20	"	D
SHW Con I	"	W. Wright	Nov. 29, 1966	4	12	25	24	"	D, S
Durham Dris. & Enterprises Ltd.									
Keppel Twp.									
Colpoys Range									
CR	lot 18	H. DeGeer	Dec. 13, 1966	7	7	17	16	Fresh	D
CR	"	K. Wright	Jan. 4, 1967	5	1	70	28	"	D
CR	"	W. Cheshire	Aug. 1, 1967	5	1	70	28	"	Ir
CR	"	L. & A. Wright	Aug. 13, 1964	5	5	70	50	"	D
Con A	"	S. Johnson	Aug. 25, 1967	5	5	90	5	"	D
Con A	"	J. Buckley	July 23, 1964	5	5	40	25	"	D
Con V	"	L. Cameron	July 7, 1964	5	24	31	4	"	In
Con V	"	Owen Sound Ledgerock	June 16, 1967	5	7	45	15	"	D
Con V	"	R. Sylvest	Dec. 14, 1966	5	18	18	15	"	D
Con VI	"	C. Danard	July 5, 1965	5	5	50	30	"	D
Con VI	"	D. Leonard	Nov. 21, 1967	5	4	70	12	"	D
Con VI	"	I. McKinnon	Sept. 23, 1964	4	5	60	35	"	D
Con VI	"	S. Hovey	June 11, 1964	5	5	20	12	"	D
Con IX	"	A. Piper	Oct. 3, 1966	5	18	12	12	"	D
Con XI	"	E. Earhart							

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASTING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Kempel Twp. - cont.										
Con XII	25 G. & J. Belanger	W. Wright	Aug. 14, 1967	5	10	18	12	Fresh	D	Clay stones 8; drk brown limestone 51. Water at 48.
Con XII	26 E. Taylor	R. & S. Wright	Sep. 11, 1965	5	3	35	8	"	D	Black soil 2; brown limestone 12; grey limestone 42. Water at 20 and 35.
Con XIV	23 W. Brown & Son	A. Loucks	Apr. 19, 1967	5	20	15	12	"	D	Stony gravel till 7; limestone 45. Water from 35 to 45.
Con XIV	23 A. Lett	D. Wright & Sons	June 12, 1965	5	5	12	5	"	D	Clay 5; brown limestone 48. Water at 45.
Con XIV	23 P. Varley	"	June 19, 1965	5	5	11	4	"	D	Clay 5; brown limestone 49. Water at 45.
Con XV	22 K. Smith	"	July 1, 1966	5	8	9	9	"	D	Brown clay boulders 12; grey limestone 86. Water at 45 and 80.
Con XV	8 J. West	"	Aug. 1, 1966	5	119	23	23	"	D, S	Gravel stones 20; brown limestone 120. Water at 65 and 115.
Con XV	9 C. Charlton	"	Dec. 22, 1966	5	14	65	38	"	D, S	Clay boulders 40; grey limestone 150; bluish white limestone 213. Water at 80 and 205.
Con XVIII	21 J. Peterson	L. & A. Wright	Dec. 2, 1964	5	20	10	17	"	D, S	Clay stone 8; limestone 90; blue shaly rock 100. Water at 30.
Con XX	32 J. Hertweiz	R. & S. Wright	Mar. 3, 1964	4	2	10	14	"	D, S	Hardpan stones 8; hard clay 12; white limestone 43. Water at 43.
Con XX	32 D. West	D. Wright & Sons	Aug. 12, 1966	5	2	54	8	"	D, S	Shale rock 30; blue shale 45; red shale 54. Water from 35 to 45.
Con XXI	43 P. Deserport	R. & S. Wright	Sep. 1, 1966	4	13	13	8	"	D, S	Dug well 13; grey limestone 34.
Con XXI	15 A. Christie	A. Wright	Aug. 12, 1967	5	11	45	37	"	D	Clay stone 14; grey rock 46. Water at 22 and 45.
Con XXI	42 D. R. Pas	D. Wright & Sons	Aug. 12, 1967	5	20	19	19	"	D	Loose rock 14; grey limestone 85. Water at 70.
Con XXI	42 D. R. Pas	D. Wright & Sons	May 29, 1964	5	7	85	35	"	D	Brown sandy soil 3; brown limestone 60; grey limestone 75; blue limestone 85. Water at 83.
Con XXVI	25 D. Johnston	R. & S. Wright	Feb. 9, 1965	5	2	20	12	"	D	Blue clay stones 7; hard shale rock layers 30. Water from 15 to 30.
Georgian Range	A. R. Peterson	"	Aug. 12, 1966	5	5	20	8	Salty	D	Topsoil stones 5; blue shale layers rock 30. Water from 15 to 30.
GR	A. H. Spillner	"	Aug. 16, 1966	5	5	20	10	"	D	Stones topsoil 4; blue shale 13; layers rock shale 25. Water from 20 to 25.
GR	A. V. Bark	"	Aug. 23, 1966	5	4	20	10	"	D	Stones shale 4; layers rock shale 52. Water from 30 to 52.
GR	A. B. Harm	"	June 2, 1965	5	1	52	30	Fresh	D	Topsoil stones 4; layers rock shale 50. Water at 50.
GR	A. A. Ware	"	June 7, 1965	5	1	52	25	"	D	Stones topsoil 3; hard blue shale 6; rock shale 37. Water from 34 to 37.
GR	A. J. Morrison	"	June 26, 1965	6	3	25	10	"	D	Topsoil stones 5; hard blue shale 35. Water at 35.
GR	A. R. Rein	"	July 28, 1965	5	1	30	10	"	D	Clay 76; rock red shale blue clay 90. Water at 80.
Jones Range	8 V. Cameron	L. & A. Wright	Aug. 1, 1964	5	4	30	54	"	D	Gravel limestone 6; grey clay 34; grey limestone 55; brown limestone 57; grey limestone 60. Water at 57.
Clipmont Road North & South	10 L. Ferruson	R. & S. Wright	Oct. 4, 1967	5	5	52	22	Mineral	D	Clay gravel boulder 28; brown limestone 83. Water from 45 to 75.
ORS Con I	34 W. Brown	D. Wright & Sons	Sep. 8, 1965	5	10	20	10	Fresh	P	Brown clay stones 34; brown limestone 60; grey limestone 74.
ORS Con I	34 W. Brown	R. & S. Wright	Sep. 10, 1966	5	5	5	39	"	D	Water at 65.
ORS Con II	1 N. Hutchison	W. Wright	July 15, 1967	5	5	80	6	"	D	Limestone 65; blue shale 93; red shale 104. Water from 60 to 93.
ORS Con II	10 L. Taylor	R. & S. Wright	Aug. 8, 1964	4	2	86	25	"	D	Topsoil stones 22; grey limestone 96. Water at 54 and 94.
ORS Con II	10	"	July 31, 1967	5	3	145	20	"	D	Hardpan big stones 22; brown limestone 45; light grey limestone 65; blue limestone 156; blue shale 157. Water from 80 to 156.
ORS Con II	29 Wardrope & Sons	D. Wright & Sons	Sep. 1, 1966	5	12	65	35	"	In	Sand gravel 36; loose limestone 50; brown limestone 100. Water at 90.
ORS Con II	30 J. Lambertus	W. Wright	Aug. 5, 1967	5	3	115	35	"	D	Sand 30; clay gravel stones 47; brown limestone 90; bluish white limestone 121. Water at 90.

Meaford Town	H. Bartkiw	A. Loucks	Nov. 12, 1964	4	10	20	2	Fresh	D	Gravel boulders 12; limestone 70. Water from 50 to 70.
	H. Rowles	D. Sewell	Sep. 3, 1965	4	1	175	Flows	Fresh	D	Topsoil 2; soft clay 50; gravelly clay stones 147; silty clay 155 clay 175; grey gravelly clay 225; silty sand 260; rock 268. Water at 147 and 260.
Neustadt Village	A. Wagner	E. Keeso	Mar. 25, 1964	4	8		Flows	Fresh	D, S	Soft brown clay streaks fine gravel 128; hard brown shale 139; soft brown limestone streaks blue shale 157. Water from 155 to 157.
	A. Ries	Durham Drlg.	June 19, 1964	4	10	25	"	"	D	Topsoil 1; blue clay 118; silt sand 119; soft blue clay 132; coarse sand gravel 133. Water from 119 to 133.
	H. Lamont	E. Keeso	July 13, 1966	4	15		"	"	D	Gravel 4; soft clay 71; sandy clay 84; sand 87; sandy clay 94; blue sand 98; blue gravel 103. Water at 103.
	E. Lentz	"	July 18, 1966	4	15	8	2	"	D	Gravel 11; brown shale 27; blue brown shale 37; blue limestone 38 Water at 38.
	Commercial Hotel	"	July 23, 1966	4	4	5 1/2	Flows	"	P	clay gravel 16; sandy gravel clay 24; white blue shale 33; white limestone 46. Water from 42 to 46.
	W. Hennson	"	Sep. 14, 1966	4						Soft clay 131; blue shale 156; blue limestone 211. Dry hole.
	E. Lentz	"	Sep. 20, 1966	4	15	18	3	"	S	Clay 19; coarse gravel stones 31; blue shale 34; brown blue lime- stone 47. Water at 47.
	S. Fiddler	"	Sep. 28, 1966	4	12	12	3	"	D	Dug well 11; clay 27; brown shale 42; brown limestone 43. Water at 43.
	E. Rody	"	Mar. 10, 1967	7	15		Flows	"	C	Gravel stones 6; brown shale 21; hard grey limestone 48. Water at 48.
	L. Gutzkte	"	Apr. 1, 1967	4	4	20	"	Sulphur	D	Clay stones 31; hardpan 49; blue shale 59; blue limestone 119. Water at 119.
	A. Kaufman	"	Oct. 28, 1967	4	10	15	3	Fresh	D	Clay 16; gravel 24; blue shale 31; blue limestone 37. Water from 34 to 37.
Normanby Twp.	lot 8 E. Bawn	Pratt Bros.	Nov. 5, 1964	4	6	58	36	Sulphur	D, S	Sand 46; sandy hardpan 172; gravel 173. Water at 173.
	Con I	Durham Drlg. & Enterprises Ltd.	Oct. 20, 1966	4	10	53	18	Fresh	D, S	Topsoil 1; hardpan boulders 23; hardpan 35; brown clay 67; gravel 70; hard brown rock 103. Water from 95 to 103.
	Con II	G. L. Davidson	Oct. 24, 1964	4	12	54	45	"	D, S	Dug well 26; hardpan 56; stony gravel sand 110; hardpan 126; shale 131; brown rock 137. Water at 137.
	Con IV	E. Keeso	Aug. 14, 1965	4	12	55	38	"	D	Sand gravel 51; soft clay stones 19; hard brown shale 38; hard brown limestone 59. Water from 57 to 59.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
										(Optiles to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Normanby Twp. - cont.										
Con VI	lot 22 H. DeGreet	Durham Drlg. & Enterprises Ltd.	Mar. 29, 1966	4	20	20	10	Fresh	S	Topsoil 1; brown blue clay 25; sand gravel 30; brown limestone 56 Water from 48 to 56.
Con VII	" 11 E. Stenler	E. Keeso	June 27, 1964	4	15	39	37	"	D, S	Clay 9; hardpan stones 34; blue shale 43; blue brown limestone 107 1/2. Water at 107.
Con VIII	" 16 Fisher Poultry Farm Ltd.	"	June 4, 1966	4	15	38	14	"	S	Sandy clay 21; sandy Gravel 39; brown clay 91; blue shale 97; blue limestone 134. Water at 131 to 134.
Con IX	" 16 J. Doest	Water Well Drlg.	May 12, 1967	5	10	15	12	"	P	Clay 15; gravel 19; grey limestone 53. Water at 52.
Con X	" 15 VLF Aytton	"	Jan. 22, 1967	5	10	37	37	"	P	Previously drilled 55; grey limestone 104. Water at 100.
Con X	" 13 C. Pfeiffer	E. Keeso	Dec. 24, 1964	4	14	30	29	"	D	Brown clay builders 17; brown clay shale 38; brown limestone 62. Water at 62.
Con X	" 15 G. Widmeyer	"	June 19, 1965	4	12	63	46	"	D	Gravel clay 8; hard brown shale 32; blue shale 40; blue brown rock 83. Water from 78 to 83.
Con X	" 15 Normanby Twp	Water Well Drlg.	May 9, 1967	5	15	90	80	"	P	Hardpan 35; sandstone 42; grey limestone 137. Water at 135.
Con X	" 16 K. Fisher	E. Keeso	Apr. 3, 1964	4	12	30	22	"	D	Dark brown topsoil 3; soft brown clay 12; hard brown shale 33; soft blue shale 36; hard brown limestone 61. Water at 59 and 61.
Con X	" 16 E. Wettenleuffer	"	Nov. 25, 1964	4	14	28	24	"	D	Brown clay 14; brown shale 41; brown limestone 76. Water at 76.
Con X	" 16 V. Elsenkoen	"	Aug. 26, 1965	4	15	29	27	"	D	Yellow clay stones 11; sandy gravel 19; yellow shale 38; blue yellow limestone 82. Water from 80 to 82.
Con X	" 16 W. Priebe	Pratt's Well Drlg.	Nov. 30, 1965	4	7	30	29	"	D	Sand gravel 29; brown shaly rock 50; blue shale 58. Water at 58.
Con X	" 16 F. Koenig	E. Keeso	June 29, 1965	4	15	26	21	"	D	Gravel clay stones 13; hard brown shale 30; blue shale 35; blue brown limestone 74. Water from 69 to 74.
Con X	" 16 L. Becker	"	July 27, 1967	4	12	38	34	"	D	Gravel clay 21; brown shale 52; brown limestone 80. Water at 80.
Con X	" 16 K. Caslin	"	Sep. 2, 1967	4	12	30	26	"	D	Sand clay 21; brown shale 36; brown limestone 77. Water at 77.
Con X	" 17 R. Darbecker	"	June 24, 1966	4	12	85	68	"	D	Clay stones 12; gravel clay 27; blue shale 49; blue brown shale 95 1/2; blue brown limestone 113. Water from 110 to 113.
Con XI	" 16 Normanby Central School	"	July 27, 1964	7	45	46	34	"	P	Dark brown topsoil 3; gravel clay 11; hard brown shale 49; blue brown limestone 131. Water at 128 and 131.
Con XI	" 17 F. Ione	G. Davidson	Apr. 7, 1966	5	10	38	33	"	D, S	Topsoil 8; sand clay 8; shale gravel 30; brown hard limestone 36; shale medium soft blue limestone 74; brown blue hard soft limestone 97. Water at 97.
Con XII	" 16 T. Fischer	"	Aug. 13, 1965	4	10	30	31	"	D	Hardpan stones 51; shale 56; grey rock 60; blue rock 79. Water at 79.
Con XIV	" 4 Allied West Enterprises	E. Keeso	Jan. 17, 1964	4	22	24	13	"	T	Soft brown clay 123 1/2; blue brown shale 126. Water at 126.
Con XIV	" 5 A. Schaus	"	Feb. 28, 1964	7	207	74	8	"	In	Brown clay 123 1/2; blue brown shale 126. Water at 126.
Con XIV	" 11 A. Helwig	K. Mighton & Son E. Keeso	Aug. 27, 1964	4	13	22	22	"	D	Open hole 48; blue clay 110; gravel 119. Water at 119.
Con XV	" 3 J. Montag	"	Dec. 13, 1966	4	40	45	40	"	D, S	Gravel stones 15; brown shale 37; blue shale clay 55; blue limestone 56. Water at 56.
Con XVI	" 13 H. Weppler	"	June 7, 1967	5	40	45	40	"	D, S	Brown clay 34; brown sandy shale 57; blue shale 75; blue limestone 83. Water at 83.
Con XVI	" 18 A. Schenk	"	June 19, 1967	4	14	40	30	"	D, S	Clay 28; gravel sandy clay 49; brown shale 71; blue shale 84 1/2; blue limestone 119. Water from 84 1/2 to 119.
Con XVI	" 18 A. Schenk	"	May 21, 1964	7	14	35	32	"	D, S	Dug well 54; soft blue clay 59; hardpan 70; hard brown shale 87; hard blue shale 92. Water from 87 to 92.



GREY COUNTY - cont.									
Normanby Twp. - cont.									
Con XIV	lot 21	P. Grubb	E. Keeso	Aug. 19, 1966	4	15	34	30	Fresh
Con XVII	"	5 A. Ratz	"	Nov. 6, 1964	4	200		Flows	"
Con XVIII	"	2 G. Hurd	"	Sep. 26, 1966	4	13½	30	18	"
Con XVIII	"	11 H. Weidner	Durham Drlg. & Enterprises	Aug. 6, 1964	4	20	20	16	"
Con II GRW	"	31 Boy Scouts, Windsor	E. Keeso	Aug. 25, 1967	5	12	130	92	"
Con III GRW	"	9 W. Marshall	Durham Drlg. & Enterprises Ltd.	Oct. 26, 1966	4	15	16	15	Sulphur
Con III GRW	"	72 E. Braun	E. Keeso	July 13, 1965	4	10	82	70	Fresh
Con IV	lot 10	L. McMahon	K. Moughton & Sons	Aug. 23, 1967	4	6	40	17	Fresh
Con A	"	10 D. Edwards	"	Sep. 16, 1967	4	4	35	15	"
Con A	"	15 Carmarthon Lake Farm	"	June 15, 1967	6	30	31	29	"
Con A	"	16 J. Atkinson	A. Loucks	Oct. 29, 1965	5	10	35	25	"
Con A	"	10 J. Schwardt	K. Moughton & Son	May 14, 1966	4	5	60	10	"
Con V	"	15 S. Carr	D. Sewell	June 17, 1967	4	30	12	2½	"
Con V	"	22 D. McIntyre	Pratt's Well Drig.	Apr. 23, 1965	4	9	9	7	"
Con V	"	31 W. Buttrass	"	Apr. 12, 1966	4	8	33	32	"
Con V	"	35 J. Allen	D. Sewell	Sep. 10, 1967	4	4	44	34	"
Con VI	"	13 J. Wright	Pratt's Well Drig.	June 22, 1965	4	6½	72	70	"
Con VI	"	26 J. Winters	K. Moughton & Sons	Apr. 7, 1967	4	5	40	35	"
Con VII	"	5 H. Collingridge	D. Sewell	Apr. 17, 1967	5	10	40	21	"
Con VII	"	12 Osprey Twp School Area	Durham Drlg. & Enterprises	July 30, 1964	7	30	27	27	"
Con VII	"	23 M. McIntyre	Pratt's Well Drig.	Apr. 19, 1965	7	7	70	66	"

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Osprey Twp. - cont.										
Con VIII	6 K. H. Hawkins	Pratt Bros.	Nov. 12, 1962	4	2	140	95	Fresh	D, S	Hardpan boulders 33; brown limestone 142; white limestone 160. Water at 105.
Con IX	9 G. Boyce	Durham Drig. & Enterprises	Nov. 17, 1964	4	15	40	32	"	D, S	Drilled well 38; hard grey rock 42; soft brown rock 70; hard brown rock 76. Water from 38 to 75.
Con IX	16 J. Crawford	Pratt's Well Drig.	June 6, 1966	4	8	56	55	"	D	Gravel 6; cream coloured limestone 36; white limestone 88. Water at 88.
Con IX	16 R. Wickens	"	Apr. 5, 1966	4	8	70	45	"	D	Clay stone 31; brown limestone 55; white limestone 99. Water at 38 and 95.
Con IX	16 E. Sammons	Pratt Bros.	Feb. 14, 1964	4	6	50	74	"	D	Gravel 27; creamy soft limestone 90; white limestone 105. Water at 105.
Con IX	17 W. G. Pezershaw	K. Nighton & Sons	Sep. 22, 1966	4	15	12	3	"	P	Topsoil 1; clay 2; shale 4; white limestone 57. Water from 14 to 57.
Con IX	31 A. Mueller	M. Bellerby	Sep. 18, 1964	4	21	32	30	"	D	Stony gritty clay 40; white limestone 55. Water at 52.
Con X	10 D. McIntyre	Pratt's Well Drig.	June 10, 1965	4	11	41	40	"	D, S	Clay boulders 82; cream coloured limestone 70. Water at 70.
Con XII	9 Dr. E. Bzadki	Durham Drig. & Enterprises Ltd.	Dec. 1, 1967	4	10	60	26	"	D	Topsoil 1; hardpan boulders 2; hard white limestone 56. Water from 86 to 96.
Con XII	10 G. Goode	K. Nighton & Son	May 29, 1965	4	10	40	35	"	D	Topsoil 1; hard clay 18; sand 22; white limestone 75; brown limestone 78. Water from 70 to 78.
Con XIII	31 J. Thomson	Pratt's Well Drig.	May 4, 1966	4	8	33	32	"	D	Clay stones 42; brown limestone 67. Water at 38 and 65.
Con XIII	33 J. Turner	A. Loucks	Aug. 25, 1964	5	8	25	25	"	D	Topsoil 8; limestone 98; red shale 103. Water at 103.
Con XIV	8 E. Corbett	D. Sewell	May 19, 1967	4	10	30	17	"	D	Topsoil 1; stony brown loam 9; limestone 44. Water at 22 and 40.
Con XIV	20 R. Davidson	Pratt's Well Drig.	June 14, 1965	5	12	6	5 1/2	"	D	Clay stones 15; brown limestone 19. Water at 19.
DRN Con I	15 G. Hargrave	Durham Drig. & Enterprises Ltd.	Feb. 17, 1964	4	20	40	30	"	D, S	Topsoil 4; boulders 30; hard gravelly clay 50; sandy clay 75; hard clay 100; sandy clay 110; gravel 124; grey rock 140. Water from 124 to 140.
DRN Con I	21 G. Davison	Pratt Bros.	Oct. 24, 1964	4	?	38	35	"	D, S	Clay boulders 36; hardpan 127; brown limestone 145. Water at 145.
DRN Con I	38 D. Dohrmann	Durham Drig. & Enterprises Ltd.	Aug. 15, 1966	4	18	16	8	"	D	Topsoil 1; hardpan 51; hard brown rock 74. Water from 68 to 74.
DRN Con I	48 G. Henshel	A. Loucks	Sep. 23, 1966	4	10	24	20	"	D, S	Boulders gravel 40; limestone 42. Water from 40 to 42.
DRN Con II	24 R. Lewis	Durham Drig. & Enterprises Ltd.	Jan. 19, 1965	4	10	50	36	"	D, S	Open hole 32; sandy clay 100; sand 126; hard brown rock 129. Water from 126 to 139.
DRN Con II	38 K. Westherall	"	Feb. 12, 1965	4	15	38	35	"	D, S	Topsoil 3; gravel boulders 25; yellow sand 65; sandy clay 74; brown rock 104. Water from 90 to 104.
DRN Con II	5 D. McCarthyre	Pratt Bros.	Feb. 18, 1964	4	7	30	30	"	D, S	Sand 3; brown shaly rock 42. Water at 33.
DRN Con III	61 D. McCarthyre	Durham Drig. & Enterprises Ltd.	Aug. 18, 1964	4	10	72	56	"	D, S	Topsoil 3; gravel boulders 4; hard brown rock 70; hard white rock 118. Water from 56 to 118.
DRS Con I	7 G. Handzik	Pratt's Well Drig.	Apr. 8, 1965	4	7	23	22	"	D, S	Clay stones 28; grey hardpan 78; brown limestone 101. Water at 101.
DRS Con I	12 D. Lepard	Pratt Bros.	Oct. 16, 1964	4	6	35	32	"	D, S	Clay boulders 28; hardpan layers gravel quicksand 119; brown shaly rock 123. Water at 123.
DRS Con I	27 W. Maxwell	G. Blakey	Nov. 7, 1966	4 1/2	5	26	26	"	D, S	Old dug well 36; grey clay sand 60; fine gravel 70; coarse gravel 81. Water from 60 to 81.
DRS Con I	27	"	Nov. 7, 1966	4 1/2	5	26	26	"	D, S	Old dug well 36; grey clay sand 60; fine gravel 70; coarse gravel 81. Water from 60 to 81.
DRS Con II	78 R. Gibson	Durham Drig. & Enterprises	Jan. 30, 1965	4	3	120	52	"	D, S	Open hole 45; grey rock 100; brown rock 150; white rock 200; grey rock 214. Water from 150 to 214.

GREY COUNTY - cont.  
Osprey Twp. - cont.

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\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Proton Twp. - cont. Con IX	lot 14 T.Tadovic	Durham Drlg. & Enterprises Ltd.	Aug. 6, 1966	4	2	60	18	Fresh	D,S	Topsoil 1;hardpan 6;hardpan stones 90;gravel 103;hard white rock 156. Water from 140 to 150.
Con IX	" 15 E.Rowe	"	Sep.21,1965	4	15	30	20	"	D,S	Topsoil 2;yellow brown hardpan 48;sand gravel 76;hard grey rock 100. Water from 95 to 100.
Con XII	" 2 A.Watson	K.Mighton & Son	Nov. 4, 1964	4	15	40	38	"	D,S	Open hole 28;coarse yellow gravel 48;yellow sand 84;coarse gravel 86. Water from 85 to 86.
Con XII	" 21 J.Scott	Davidson's Well Drlg.	Aug. 8, 1967	4	4	125	90	"	D,S	Topsoil 1;clay stones 4;sand 6;clay stones 70;stony hardpan 112;soil hardpan 128;grey hard limestone 185;brown hard limestone 262. Water at 230 and 262.
Con XII	" 33 J.MacInnes	Durham Drlg. & Enterprises Ltd.	Aug.12,1966	4	20	20	10	"	D	Topsoil 1;hardpan boulders 73;hard brown limestone 98. Water from 90 to 98.
Con XIV	" 5 K.Pell	G.L.Davidson	Nov. 6, 1964	4	8	55	50	"	D,S	Topsoil 2;sand clay stones 62;hardpan stones 118;grey hard limestone 175;brown hard limestone 187. Water at 167.
Con XV	" 7 D.Ferguson	"	July25,1967	4	6	52	30	"	D,S	Topsoil 1;clay stones 32;grey stones 112;grey hard limestone 173;brown hard limestone 217. Water at 172, 202 and 217.
Con XV	" 16 J.Milliner	Davidson WellDrig.	July21,1967	4	15	25	15	"	D,S	Topsoil 1;sandy clay stones 14;stony hardpan 6;gravel 91;stony hardpan 129;blue hard limestone 144;grey hard limestone 171. Water at 171.
Con XVI	" 17 L.Black	Pratt Bros.	Apr.29,1964	4	6	17	11	"	D,S	Clay boulders 30;hardpan 118;white limestone 232. Water at 232.
Con XVI	" 25 M.Keating	G.L.Davidson	July25,1967	4	16	28	14	"	D,S	Topsoil 1;clay stones 18;silty gravel boulders 79;hardpan boulders 101;grey hard limestone 142. Water from 139 to 142.
Con XVII	" 1 G.Effinger	Pratt's Well Drig.	Aug. 1, 1966	4	8	32	30	"	D,S	Blue clay 87;blue hardpan 148;blue coloured limestone 173. Water at 173.
Con XVII	" 12 M.Pallister	Pratt Bros.	Mar. 2,1964	4	7	35	34	"	D,S	Clay boulders 28;hardpan 130;brown limestone 146. Water at 146.
Con XVII	" 15 R.Black	G.L.Davidson	Nov. 9,1967	4	14	25	20	"	D,S	Topsoil 2;clay stones sand 22;gravel hardpan stones 122;grey hard limestone 168;white grey hard limestone 187. Water at 187.
Con XIX	" 13 L.Hiltz	Durham Drlg. & Enterprises	Apr. 8, 1965	4	10	20	20	"	D,S	Topsoil 2;clay 50;boulders hardpan 60;clay 70;hardpan 80;sand 120;hardpan 125;gravel 133. Water at 133.
SHW Con I	" 220 W.Walker	A.Loucks	Nov.30,1966	4	5	80	35	"	D,S	Boulders gravel 127;limestone shelf 138;sand gravel 171;hard white limestone 240. Water from 230 to 240.
SHW Con I	" 232 A.Podniewiez	Durham Drlg. & Enterprises	May 26,1967	4	20	20	10	"	D	Topsoil 1;gravel clay boulders 28;hardpan 66;sand clay boulder 70;hard blue rock 92. Water from 85 to 92.
SHW Con II	" 190	"	Mar.31,1967	4	20	20	5	"	D	Topsoil 1;clay gravel 20;hardpan stones 26;clay gravel 35;sand gravel 49;hard brown rock 65. Water from 60 to 65.
SHW Con II	" 191 O.P11	Pratt Bros.	July21,1964	4	7	12	11	"	D	Clay boulders 67;brown stone limestone 86. Water at 86.
SHW Con II	" 191 O.Hobson	Pratt's Well Drlg.	Aug.24,1965	4	8	6	5	"	D	Old well 22;grey hardpan 67;white limestone 77. Water at 77.
SHW Con III	" 190 J.McCreary	Durham Drlg. & Enterprises Ltd.	Aug. 2,1967	4	10	50	2	"	D	Topsoil 3;yellow sand 50;grey sand 60;grey rock 83. Water from 75 to 83.
SHW Con IV	" 202 E.Berkis	Davidson WellDrig.	Aug. 1,1967	4	16	50	25	"	D,S	Soft clay stones 22;sand gravel 24;clay stones 30;sand 32;stony hardpan 53;gravel 70;hardpan 82;grey hard limestone 112. Water at 112.
SHW Con IV	" 227 Redmond Bros.	K.Mighton & Sons	Jan.12,1967	4	15	30	9	"	D,S	Brown clay hardpan ridges 78;pea gravel 80. Water at 79 and 80.

GREY COUNTY - cont.  
St. Vincent Twp.

EX. COUNTY - cont.	township	lot	owner	date	5	4	80	30	fresh	D	stony clay 35; gravelly clay 70; clay 85; blue shale 96. Water at 93.
Con I	J. Walter	4	D. Sewell	July 21, 1965	5	4	80	30	fresh	D	stony clay 35; gravelly clay 70; clay 85; blue shale 96. Water at 93.
Con II	"	"	"	Aug. 8, 1967	5	4	58	37	"	D	Clay slabs shale 4; blue shale 57. Water at 42, 44, 51 and 52.
Con III	"	"	D. Wright	Mar. 31, 1966	5	10	28	12	"	D, S	Red shale 20; blue shale 77. Water at 40 and 65.
Con IV	"	"	D. Wright	Dec. 1, 1967	8	3	150	35	"	In	Clay 9; blue shale 180. Water from 140 to 150.
Con IV	"	"	D. Sewell	Oct. 24, 1967	5	2	58	17	"	D	Topsoil 1; red clay 9; soft red green shale 14; red green shale 61. Water from 27 to 40.
Con IV	"	"	Durham Drig. & Enterprises Ltd.	June 25, 1964	4	3	60	32	"	D, S	Open hole 15; blue shale layers grey rock 72. Water from 50 to 72.
Con IV	"	"	D. Sewell	Apr. 13, 1965	5	15	15	10	"	D, S	Brown clay 10; blue shale 35. Water from 20 to 25.
Con V	"	"	D. Sewell	Aug. 2, 1966	4	"	"	"	"	"	Grey clay stones 38; red clay gravelly 150; blue clay 154; gravel 17. Dry hole.
Con V	"	"	Durham Drig. & Enterprises Ltd.	Sep. 14, 1965	5	12	65	24	fresh	D, S	Topsoil 2; clay boulders 15; hard blue rock 30; medium brown shale 70; hard brown shale 90; hard brown shale blue specks 107. Water from 70 to 100.
Con V	"	"	R. & S. Wright	May 1, 1965	5	4	40	35	"	D	Brown sandy clay 10; grey shale 60. Water from 10 to 46.
Con V	"	"	Durham Drig. & Enterprises Ltd.	Apr. 15, 1965	4	15	30	20	"	D	Sandy clay 10; blue shale 50. Water at 40.
Con VI	"	"	D. Sewell	Aug. 14, 1965	5	2	146	60	"	D	Brown clay 15; gravelly white clay 85; gravelly red clay 110; red shale 127; blue shale 149. Water at 130.
Con VI	"	"	"	Aug. 6, 1965	5	"	"	"	"	N	Topsoil 1; brown clay 15; reddish clay stones 98; gravel 103; clay 145; silty gravel 150; clay 173; clay streaks silt 222. Water from 145 to 150. Insufficient water.
Con VI	"	"	"	Sep. 18, 1965	4	5	Flows	Flows	fresh	D, S	Brown clay 12; grey clay 68; pea gravel 70. Water at 68.
Con VI	"	"	"	Oct. 13, 1965	5	5	90	74	"	D	Topsoil 4; gravelly clay 107; silty gravel 125; coarse sand gravel 128. Water from 125 to 128.
Con VI	"	"	A. Loucks	Sep. 15, 1964	4	1	"	Flows	"	D	Clay boulders 80; clay sand 150; sand fine gravel 175. Water at 175.
Con VII	"	"	D. Sewell	May 13, 1967	5	3	96	26	"	D	Topsoil 1; brown clay stones 25; stony hardpan 91; silty sand 96; grey sand 105. Water from 91 to 105.
Con VII	"	"	A. Loucks	July 24, 1967	5	6	110	60	"	D	Sand 4; red clay 100; blue hardpan 169; gravel. Water at 169.
Con VII	"	"	D. Sewell	Sep. 14, 1965	5	2	60	22	"	D, S	Stony clay 34; shaly limestone 20; blue shale 28; red shale 28; red shale 34; blue shale 60; red shale 65. Water at 24 and 60.
Con VIII	"	"	"	May 14, 1965	4	1	55	12	"	D	Topsoil 1; brown clay 10; red clay 20; red shale 60. Water from 40 to 60.
Con VIII	"	"	"	July 16, 1965	4	10	40	27	"	D	Topsoil 1; soft clay 12; silt 16; gravelly clay 65; silty gravel 70; clay 78; sand 86. Water from 78 to 86.
Con VIII	"	"	"	July 9, 1965	5	7	55	14	"	D	Brown clay 5; red clay 18; red shale 20; blue shale 24; layers red blue shale 57. Water at 20 and 23.
Con VIII	"	"	Durham Drig. & Enterprises	Sep. 8, 1964	4	15	45	32	"	D	Topsoil 3; gravelly clay 20; soft grey clay 60; blue clay 65; stony grey clay 75; sand gravel 81. Water from 75 to 81.
Con VIII	"	"	D. Sewell	Sep. 7, 1965	5	4	80	41	"	C	Stones clay 21; clay 112; sand gravelly clay 120. Water from 112 to 120.
Con IX	"	"	"	Aug. 24, 1965	5	1	80	30	"	D	Topsoil 2; limestone 30; blue shale 38; red shale blue streaks 88. Water at 30 and 70.
Con IX	"	"	"	May 21, 1965	4	10	50	27	"	D	Topsoil 1; brown stony clay 35; clay 47; silty gravel 50; hard clay streaks coarse gravel 62. Water at 55.
Con IX	"	"	"	Oct. 15, 1965	4	"	"	"	"	"	Topsoil 1; clay 11; silty clay 15; red clay 65. Dry hole.
Con XII	"	"	"	July 28, 1967	5	10	45	21	fresh	D, S	Topsoil 1; red clay 9; gravelly clay 49; hard packed gravel 56. Water from 49 to 56.
Con XII	"	"	D. Wright & Sons	May 19, 1965	"	2	75	7	"	D, S	Clay boulders 12; limestone 60; blue shale 65; red shale 83. Water from 30 to 60.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER, INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
GREY COUNTY - cont.										
Sawawak Twp.										
Con I	lot 13 B. Porter	W. Wright	Aug. 22, 1967	5	5	75	20	Fresh	D	clay 7; dark brown limestone 54; blue shale 65; red shale 86. Water from 50 to 55 and at 79.
Con I	" 21 P. Southerland	R. & S. Wright	July 25, 1966	5	10	35	24	"	D, S	Brown clay stones 53; blue shale 56. Water at 53.
Con II	" 3 J. Briggs	"	July 17, 1964	5	5	40	24	"	"	Dug well 11; sandy clay stones 30; fine sand 50; sand gravel 62. Water at 62.
Con II	" 4 H. Wales	D. Wright	July 4, 1966	5	2	116	47	"	D	Clay 5; limestone 65; blue shale 75; red shale 116. Water from 80 to 90.
Con II	" 4 L. Kerfer	W. Wright	Sep. 13, 1967	8	5	20	15	"	D	Red shale 60. Water at 50.
Con II	" 4 S. Carr	D. Wright	June 28, 1965	5	2	60	15	"	"	Gumbo clay 32; shale 42; blue shale 62. Water from 45 to 50.
Con II	" 5 T. G. Woods	D. Wright	Aug. 6, 1966	5	10	13	12	"	D	Sticky clay 25; shale 42; blue clay 53. Water at 50.
Con II	" 5 C. Kretzweiser	R. & S. Wright	June 26, 1967	5	4	100	36	Mineral	D	Brown clay stones 30; red clay stones 60; grey clay 68; grey limestone 90; brown limestone 110. Water at 105.
Con II	" 5 C. Cameron	W. Wright	Dec. 20, 1967	5	3	100	35	Fresh	D	Clay 5; dark brown limestone 40; light brown limestone 65; blue shale 75; red shale 116. Water at 65 and 85.
Con II	" 6 H. Madill	R. & S. Wright	June 18, 1964	5	20	25	15	"	"	Topsoil 1; heavy clay 22; grey limestone 42. Water at 40.
Con II	" 8 W. Cook	L. & A. Wright	Aug. 10, 1964	5	6	47	5	"	D, S	Clay sand 5; clay 23; brown rock 47. Water at 23.
Con II	" 8 T. Armstrong	A. Coucks	Sep. 3, 1965	6 1/2	8	16	8	"	D	Clay gravel 21; dirty gravel 24; sand gravel 28. Water from 26 to 28.
Con II	" 9 E. Turner	R. & S. Wright	Apr. 2, 1967	5	18	12	6	"	D	Brown sand 9; grey fine stones 31; grey shale layers grey rock 40. Water at 31.
Con II	" 17 A. Zorgrager	D. Wright & Sons	June 15, 1964	5	8	32	30	"	D	Gravel boulders 38; red shale 72. Water from 55 to 60.
Con II	" 18 D. Beattie	R. & S. Wright	Dec. 15, 1965	5	2	47	7	Mineral	D	Brown shale limestone 5; grey limestone 17; blue shale 25; red shale 50. Water at 37.
Con II	" 20 S. Beckett	W. Wright	Dec. 9, 1967	5	5	30	3	Fresh	D	Shore stones 5; brown rock 20; blue shale 30; red shale 69. Water at 60.
Con II	" 21 E. Rouse	D. Wright	June 15, 1966	5	5	40	7	"	D	Shore stones 5; shale 28; blue shale 35; red shale 50. Water at 32 and 45.
Con II	" 22 C. Smith	R. & S. Wright	May 25, 1966	5	5	40	22	"	D	Topsoil stones 5; grey limestone 32; blue shale 47; red shale 53. Water from 47 to 53.
Con II	" 28 Dr. J. Hawes	W. Wright	May 16, 1967	8	14	60	28	"	D	Shore stones 10; shale 40; blue shale 47; red shale 101. Water from 40 to 85.
Con II	" 29 R. Cranle	D. Wright & Sons	July 1, 1964	5	5	40	28	"	D, S	Old shore line 8; grey limestone 40; blue shale 50; red shale 75. Water at 40 and 65.
Con III	" 7 T. Woods	"	Mar. 7, 1964	5	7	19	12	"	D	Topsoil 3; sandy gravel 24; gravel 30; grey rock 40; blue shale 4; red shale 53. Water from 40 to 45.
Con III	"	"	Oct. 27, 1964	5	12	20	15	"	D	Sand 3; gumbo clay 30; limestone 40; blue shale 46; red shale 55. Water at 47.
Con III	" 7 G. Woods	W. Wright	Sep. 16, 1967	5	4	60	12	"	"	Gumbo clay 30; blue shale 50; red shale 66. Water at 58.
Con III	" 8 P. Murphy	"	Sep. 18, 1967	5	5	15	6	"	D	Gumbo clay 23; brown rock 35; blue shale 40; red shale 51. Water at 48.
Con III	" 8 D. Blumh	"	Sep. 14, 1967	5	5	15	6	"	D	Gumbo clay 26; brown limestone 35; blue shale 40; red shale 50. Water at 45.
Con III	" 11 W. Buck	R. & S. Wright	May 12, 1964	6				Salty	N	Grey clay stones 100; red shale 130; blue shale 150.
Con III	" 11 M. Turner	"	Aug. 1, 1967	5	3 1/2	55	8	Fresh	D	Grey clay 20; sand 40; grey clay 60; red shale 70; limestone 90; grey shale 100. Water from 20 to 40.
Con III	" 11	"	Apr. 24, 1965	5	5	22	6	"	D	Dark sand soil 20; clay 40; fine sand stones 45; grey clay 60. Water at 40.
Con III	" 12 L. Chester	"	Sep. 9, 1967	5	10	30	Flows	"	D	Brown sand 10; grey sandy clay 40; grey sand 42; gravel 50. Water at 42.



GREY COUNTY - cont.												
Sarawak Twp. - cont.												
Con III	lot 13	H. Whitehall	D. Wright	June 23, 1966	5	10	30	20	Fresh	D	Clay 12; clay sand boulders 70; gravel 75; clay 80. Water at 75.	
Con III	lot 13	E. Stevens	R. & S. Wright	Sep. 12, 1967	5	18	10	22 1/2	"	D	Brown sand 3; grey clay 17; fine grey sand 33; fine gravel 34; grey shale 35; fine gravel 40. Water from 34 to 40.	
Con III	"	M. Heathers	D. Wright & Sons	Oct. 23, 1964	5	1	70	12	"	D	Large stones 12; limestone 25; blue shale 32; red shale 72. Water from 50 to 60.	
Con III	"	C. Ireland	"	June 1, 1967	5	1 1/2	68	12	"	D	Loose shale 5; brown shale 30; blue shale 52; red shale 70. Water at 52.	
Con III	"	J. Levi	"	June 17, 1966	5	10	18	8	"	D	Shorestones gravel 28; red shale 60. Water at 50.	
Con III	"	J. Goodfellow	"	June 23, 1966	5	5	55	10	"	D	Pill 7; sand stones 32; red shale 70. Water at 55 and 32.	
Con III	"	J. Levi	"	June 17, 1966	5	10	12	8	"	D	Clay gravel boulder 3; red shale 60. Water at 52.	
Con III	"	D. Blair	W. Wright	Aug. 28, 1967	5	3	35	8	"	D	Shore stones 8; blue shale 35; red shale 40. Water at 35.	
Con III	"	B. Cameron	R. & S. Wright	Apr. 3, 1964	4 1/2	3	50	15	"	D	Grey limestone 23; hard blue shale 35; red shale 57. Water at 55.	
Con III	"	B. Nicol	W. Wright	Apr. 26, 1967	8	4	30	6	"	D	Shore stone 5; blue shale 40. Water from 18 to 35.	
Con Park Lots	"	52 H. Edmonstone	A. Loucks	July 18, 1966	6 1/2	14	15	6	"	D, S	Clay stones 13; blue shale 35. Water from 20 to 35.	
Con	"	58 G. Galbraith	D. Wright	June 2, 1966	5	10	90	35	"	D	Clay boulders 60; red blue shale 100. Water at 68.	
Con	"	76 H. Parker	R. & S. Wright	Oct. 7, 1966	5	10	10	10	"	D	Dug well 5; sand clay stones 12; fine gravel 16; grey clay stones 35; blue shale 50; brown rock 75; grey rock 80; blue shale 82. Water at 42.	
Con	"	112 Sunset Building Supplies	D. Wright	May 27, 1966	5	5	45	10	"	D	Clay gravel boulders 60; limestone 87; blue shale 93; red shale 104. Water from 80 to 90.	
Con	"	112 J. Wiseman	W. Wright	Mar. 24, 1967	6	10	40	12	"	D	Clay sand gravel 61; limestone 90; blue shale 96; red shale 104. Water at 90.	
Shallow Lake Village												
Con I	"	C. D. Harrison	R. & S. Wright	Apr. 30, 1964	5	15	85	51	Fresh	D	Brown topsoil 1; brown limestone 5; white limestone 25; brown limestone 122; grey limestone 125. Water at 80 and 122.	
Con I	"	United Church	"	June 12, 1964	5	15	23	22	"	P	Brown clay stones 25; brown limestone 45. Water at 43.	
Con I	"	J. Stott	D. Wright & Sons	Aug. 24, 1966	5	10	25	19	"	D	Clay boulders 14; limestone 50. Water from 45 to 47.	
Con I	"	Lake Side Fur Ranch	"	Dec. 21, 1966	5	5	40	12	"	C	Clay boulders 15; brown limestone 52. Water at 45.	
Sullivan Twp.												
Con I	lot 2	J. Bridges	D. Wright	June 17, 1964	5	5	45	30	Fresh	D	Loose limestone 30; solid limestone 114. Water from 80 to 110.	
Con I	"	3 W. Levarno	A. Loucks	May 26, 1967	5	8	40	45	"	D	Sand 30; yellow hardpan 60; limestone 86. Water from 84 to 86.	
Con I	"	13 R. Irvine	G. Davidson	Oct. 31, 1964	4	15	65	56	"	D, S	Topsoil 1; sand 18; sand clay 56; gravel 65; stony hardpan 83; white hard streak yellow shale 87. Water at 97.	
Con I	"	20 Hett Bros.	A. Loucks	Oct. 22, 1964	4	10	45	25	"	D, S	Dug well 29; gravel boulders 57; limestone 87. Water from 57 to 87.	
Con I	"	29 A. Roch	Pratt Bros.	Sep. 11, 1964	4	7	29	28	"	D	Gravel 18; hardpan 62; shaly rock 64. Water at 64.	
Con II	"	19 L. Shetler	Durham Drlg. & Enterprises	Sep. 22, 1964	4	15	30	28	"	D, S	Open hole 28; gravel boulders 45; hard grey rock 56. Water from 45 to 56 1/2.	
Con II	"	19 B. Pearson	"	Sep. 25, 1964	4	15	16	14	"	D, S	Open hole 16; gravel boulders 24; hard yellow rock 38. Water from 35 to 38.	
Con II	"	20 A. Schopf	"	Sep. 18, 1964	4	20	21	19	"	S	Open hole 20; boulders gravel 34; hard grey rock 43. Water from 40 to 43.	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Sullivan Twp. - cont.										
Con II	lot 20 A.Schopf	Durham Drig. & Enterprises	Sep.23,1964	4	15	18	16	Fresh	D	Open hole 15;gravel boulders 28;grey rock 35. Water from 30 to 35
Con III	" 20 G.Hett	"	Sep.24,1965	5	15	30	18	"	D,S	to 35 gravel boulders 32;lime stone 50. Water from 42 to 50.
Con III	" 22 OWRC	A.Loucks	Mar.22,1967	7			9	"	T	Topsoil 1; sandy gravelly till few boulders 31;buff dolomite 48 Guelph formation 43;light brown dolomite Lockport formation 48 buff dolomite Lockport formation 110. Water at 31, 43 to 48 and from 62 to 70.
Con III	" 22	"	Mar.25,1967	8	30	18	18	"	T	Topsoil 1;boulders 7;sandy clay 9;clay till boulders 14; bulldary till 29;sand gravel 30;Dolomite Guelph formation 80; Dolomite Lockport Formation 112. Water at 30, 51 to 55 and 80 to 85.
Con III	" 23	"	Mar.31,1967	7	10		6	"	T	Topsoil 1;sandy gravelly till some boulders 24;Dolomite broken rock 29;Dolomite Guelph Formation 72;Dolomite Lockport Formation 80. Water from 24 to 29, 42 to 48 and from 69 to 73.
Con III	" 23	"	Apr. 1,1967	8	7	115	110	"	T	Topsoil 1;bouldery till 7;sandy gravelly till 38;coarse sand and gravel 55;fine sand 74;sandy silt 80;silty clay 84;fine sand 86;silty clay 112;fine sand 120;coarse gravel 124;sandy silt 128;coarse gravel gravelly till 130;Dolomite Guelph Formation 168. Water at 130, 140 and 158.
Con III	" 28 A.Thompson	Pratt's Well Drig.	Apr.23,1966	4	10	12	10	"	D,S	Gravel 28;blue clay 99;blue coloured limestone 122. Water at 122
Con III	" 30 J.Grajskaskas	Durham Drig. & Enterprises Ltd.	July 8,1967	4	15	43	20	"	D,S	Topsoil 1;hardpan stones 20;brown hardpan 42;sand 44;light grey limestone 103. Water from 90 to 108.
Con IV	" 18 J.Stutzman	A.Loucks	Oct.18,1965	5	3	60	27	"	D,S	Gravel stones 23;sand 90;clay 110;sand clay 160;coarse sand Gravel 172. Water from 160 to 172.
Con IV	" 22 E.Fyfe	"	Aug. 4,1964	4	20	15	10	"	D	Sand gravel 139;brown limestone 144. Water from 132 to 144.
Con IV	" 22 J.Sherpe	Pratt's Well Drig.	Feb.26,1966	4	20	10	8	"	D	Gravel 8;marl 38;clay silt 90;fine sand gravel 135;coarse gravel 142;brown limestone 158. Water at 157.
Con VII	" 11 Twp.Central School	A.Wright	Oct.18,1966	6	10	115	19	"	P	Clay stones 10;white limestone 95;brown rock 115. Water at 35 and from 90 to 100.
Con VII	" 12 N.Jackson	R.&S. Wright	Apr. 8,1967	5	10	60	10	"	D	Topsoil 1;grey limestone 58;blue limestone 70;white limestone 72. Water from 55 to 80.
Con VII	" 12 P.Maluskie	L.Wright	Sep.22,1965	5	5	83	20	"	D	Clay stones 6;grey rock 83. Water at 60.
Con VII	" 13 H.Slumskie	A.Loucks	June 10,1966	5	10	25	15	"	D	Clay boulders 8;broken limestone 25;limestone 90. Water from 80 to 90.
Con VII	" 13 L.L.	"	May 5,1966	5	8	75	25	"	D	Clay stones 9;limestone 100. Water from 90 to 100.
Con VII	" 13 St.John's Lutheran Church	H.& S. Wright	May 1967	6 1/2	10	80	15	"	P	Topsoil stones 6;broken limestone 10;grey limestone 65;blue limestone 110. Water from 80 to 110.
Con VIII	" 18 J.Kreuger	A.Loucks	Nov. 5,1964	4	10	45	30	"	D	Gravel boulders 5;grey limestone 74. Water from 60 to 74.
Con VIII	" 25 N.Kreuger	"	Oct.23,1964	4	10	30	18	"	D,S	Dug well 10;hardpan boulders 34;limestone 44. Water from 35 to 44.
Con IX	" 5 E.Thomson	L.& A. Wright	Sep.16,1964	5	6	127	29	"	D,S	Clay stones 46;brown limestone 127. Water at 120.
Con IX	" 23 C.Anderson	D.Wright	Sep. 1,1966	5	14	120	30	"	D,S	Clay boulders 64;limestone 133. Water from 90 to 127.
Con IX	" 23 L.Maluski	" & Sons	Sep. 6,1966	5	14	70	8	"	D	Hardpan boulders 46;limestone 91. Water at 85.
Con IX	" 26 H.Crisser	A.Loucks	Mar. 8,1965	4	8	30	15	"	D,S	Pit run gravel 40;sand gravel 57. Water from 50 to 57.
Con X	" 16 H.Blumh	W.Wright & Son	Aug.18,1966	5	21	12	10	"	D,S	Hardpan boulders 38;limestone 80. Water from 60 to 75.
Con X	" 24 D.Anderson	A.Loucks	Aug.25,1966	4	12	25	18	"	D,S	Gravel stones 59;limestone 68. Water from 59 to 68.

GREY COUNTY - cont.  
Sullivan Twp. - cont.

Lot	Con	Drilg. & Enterprises Ltd.	July 31, 1965	4	10	75	45	Fresh	D, S	Topsoil 3; gravel boulders 30; clay boulders 70; hardpan boulders 85; hard grey rock 100. Water from 90 to 100. Red clay 15; blue clay 3; coarse stony gravel 35; hardpan 65; shale 77; brown hard rock 112. Water from 110 to 112. Blue clay 44; clay gravel 62; hardpan 72; brown hard limestone 115. Water at 115.
Con XI	18	J. Thomson	Dec. 14, 1966	4	10	42	39	"	D, S	Red clay 15; blue clay 3; coarse stony gravel 35; hardpan 65; shale 77; brown hard rock 112. Water from 110 to 112. Blue clay 44; clay gravel 62; hardpan 72; brown hard limestone 115. Water at 115.
Con XIII	18	A. Thomson	Oct. 2, 1967	4	7	45	38	"	D, S	Red clay 15; blue clay 3; coarse stony gravel 35; hardpan 65; shale 77; brown hard rock 112. Water from 110 to 112. Blue clay 44; clay gravel 62; hardpan 72; brown hard limestone 115. Water at 115.
GRW Con I	19	I. Carmichael	Nov. 8, 1965	5	15	70	30	"	D	Gravel boulders 78; limestone 120. Water from 105 to 120.
GRW Con I	19	E. Schumacher	Oct. 4, 1966	4	8	50	41	"	D	Topsoil 2; gravel hard clay limestone 25; hardpan layers sand 58; white limestone 80. Water from 75 to 80.
GRW Con I	19	Durham Drilg. & Enterprises Ltd.	Feb. 15, 1965	4	10	35	35	"	D	Topsoil 2; boulders 24; hardpan boulders 54; brown limestone 70. Water at 70.
Sydenham Twp.	Lot 34	W. Wright	Apr. 28, 1967	10	10	30	4	Fresh	D	Sand 4; red shale 30. Water at 18.
BF	35	T. Rutherford	Aug. 28, 1965	8	4	20	6	"	D	Red shale 25. Water at 20.
BF	36	S. Brown	June 29, 1964	5	10	10	8	"	D	Shore gravel 5; red shale 20. Water at 18.
CRN Con I	3	E. Taylor	Nov. 15, 1966	5	21	35	25	"	D	Clay boulders 1; red shale 73. Water at 60.
CRN Con I	25	C. Malloy	Oct. 7, 1964	5	5	115	58	"	D	Limestone 70; blue shale 75; red shale 126. Water from 75 to 110.
CRN Con I	27	L. Rawn	Nov. 9, 1965	5	2	25	20	"	D	Gravel boulders 17; grey shale 30. Water at 25.
CRN Con I	27	L. Rawn	July 18, 1967	5	4	24	4	"	D	Brown sandy soil 8; brown clay stones 26; fine gravel 30. Water from 26 to 30.
CRS Con I	25	Sydenham Twp.	Nov. 15, 1966	7	2	160	40	"	C	Limestone 70; blue shale 76; red shale 135; blue shale 140; red shale 160. Water from 90 to 135.
CRS Con I	25	E. Snider	Nov. 8, 1967	5	24	125	35	"	D	Topsoil 2; white limestone 90; blue shale 150. Water from 135 to 150.
CRS Con II	7	A. Gunn	Aug. 18, 1964	5	10	60	15	"	D, S	Clay boulders 25; brown limestone 70; blueish white limestone 94. Water from 60 to 90.
Con A	13	P. & L. Smith	Sep. 15, 1967	5	115	45	45	"	D	Grey clay 5; red clay 16; red shale 110; blue shale 118. Water at 90.
Con B	17	B. Esplen	Sep. 12, 1965	5	3	75	40	"	D	Clay gravel boulders 60; blue red shale 95. Water from 70 to 90.
Con B	34	A. VanDolder	Dec. 6, 1967	5	2	75	35	"	D	Shale 78. Water at 70.
Con B	39	S. Alexander	July 14, 1967	5	5	75	30	"	D	Topsoil stones 9; layers hard shale 12; grey limestone 41; blue shale 52; layers blue red shale 87. Water at 61 and 85.
Con B	39	J. Pearson	July 22, 1967	5	10	51	31	"	D	Topsoil stones 12; grey limestone 42; blue shale 54; red shale 92. Water at 74.
Con B	39	G. Lunley	July 14, 1967	5	15	51	35	"	D	Topsoil stones 12; grey limestone 43; blue shale 54; hard red shale 90. Water at 70.
Con B	39	S. Kirkwood	July 13, 1966	5	4	85	34	"	D	Gravel boulder 11; shale 42; blue shale 54; red shale 90. Water at 82.
Con C	34	Annan United Church	June 24, 1965	5	5	35	6	"	P	Stony clay 6; limestone 24; blue shale 36; hard red shale 78. Water at 70.
Con I	14	M. Ward	Dec. 1, 1964	5	18	36	35	"	D, S	Dug well 25; brown sandy clay stones 48; red shale 72; blue shale 75. Water at 70.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LABEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
GREY COUNTY - cont.										
Sydenham Twp. - cont.										
Cor. I	lot 26 V. Hood	D. Wright & Sons	May 22, 1965	5	10	25	20	Fresh	D, S	Clay 5; limestone 28; blue shale 32. Water from 30 to 35.
Cor. II	" 6 K. Webb	"	Sep. 3, 1967	5	2	55	15	"	D, S	Brown sandy soil 60. Water from 56 to 60.
Cor. II	" 15 C. Long	R. & S. Wright	Dec. 14, 1966	5	8	70	70	"	D, S	Brown clay stones 40; grey clay stones 7; grey shale 79; brown rock 110. Water at 85 and 107.
Cor. IV	" 26 G. Herby	D. Wright & Sons	Sep. 20, 1965	5	10	30	10	"	D, S	Dug well 5; red shale 70. Water from 35 to 60.
Cor. IV	" 27 B. Armstrong	"	July 6, 1967	5	2	60	12	"	D, S	Topsoil 3; red shale 71; blue shale 72. Water at 71 1/2.
Cor. VII	" 8 M. VerBek	A. Loucks	July 29, 1964	5	7	50	25	"	D, S	Boulders gravel 2; limestone 70. Water from 50 to 70.
Cor. VIII	" 12 G. Parkin	"	May 7, 1964	4	8	75	30	"	D, S	Gravel boulders 19; limestone 109; red shale 142. Water from 114 to 142.
Cor. X	" 13 K. Ramsey	D. Wright & Sons	Apr. 5, 1964	7	15	12	8	"	D	Loose limestone 25; blue shale 32; red shale 43. Water from 25 to 30.
Cor. X	" 13 D. Ramsey	"	Sep. 20, 1965	6 1/2	10	25	7	"	D, S	Clay 3; shale 23; blue shale 27; red shale 47. Water at 23 and 40.
Cor. XII	" 7 A. Wardell	W. Wright	July 15, 1967	5	5	65	7	"	D	Loose stones 7; brown limestone 35; bluish white limestone 85. Water from 75 to 80.
Cor. XII	" 9 P. Poyes	R. & S. Wright	July 10, 1964	4 1/2	5	90	25	"	D	Topsoil 7; grey limestone 110. Water at 110.
Cor. XII	" 9 I. Shaw	D. Wright & Sons	May 15, 1965	5	5	90	8	"	D	Clay boulders 2; grey limestone 105. Water at 95.
Cor. XII	" 9 C. Plas	"	Oct. 25, 1966	5	5	90	15	"	D	Top clay 7; grey limestone 104; grey limestone 104; brown limestone 12; blue shale 130; red shale 131. Water at 90.
Cor. XII	" 10 G. Keeling	R. & S. Wright	Mar. 26, 1960	5	8	122	20	"	D	Brown clay 3; blue limestone 106; grey limestone 104; brown limestone 12; blue shale 130; red shale 131. Water at 46.
Cor. XII	" 10 J. Keeling	"	May 27, 1965	5	15	80	16	"	D, S	Brown clay stones 6; brown limestone 40; grey limestone 100; brown limestone 105. Water at 88.
Cor. XII	" 11 W. Ch. Frell	"	Oct. 9, 1965	5	1/2	110	45	"	D	Topsoil stones 21; limestone 5; grey limestone 65; blue hard limestone 62; grey limestone 97; hard blue shale 103; red shale 111. Water at 65 and 97.
Cor. XII	" 18 M. Flieg	"	Aug. 11, 1967	5	15	70	40	"	D, S	Topsoil sand 5; hardpan stones 18; gravel boulders 37; grey limestone 68; blue hard shale 75; hard red shale 122. Water from 65 to 118.
Thornbury Village										
	Alexanders Red Store	A. Loucks	Aug. 19, 1966	6 1/2	11	70	30	Fresh	C	Clay stones 15; dirty sand gravel 45; grey clay 60; sand gravel clay streaks 100. Water from 60 to 100.
	Wes. Thornbury	"	Apr. 22, 1964	4	20	100	Flows	"	P	Gravel boulders 20; blue clay 67; slate shale 95; grey limestone 155. Water from 67 to 155.
	N. Myles	D. Sewell	Dec. 20, 1967	4	1/2	112	38	"	D	Topsoil 1; sandy clay 18; gravelly clay 48; stony hardpan 66; salty sand gravel 67; hardpan 72; hard packed gravel 86; gravelly clay 95; grey shale 112. Water from 99 to 105.

HALDIMAND COUNTY - cont.  
Caledonia, Town of

Canborough Twp.	CT	" 1	J. VanderStelt	J. Wickett	June 2, 1966	5	16	36	36	36	D	Brown clay 20; dirty gravel 30; shale 44. Water at 40.
	CT	" 12	B. Watkins	"	Oct. 31, 1967	8	30	10	10	10	P	Black loam 30; brown clay 9; salt rock 27. Water at 10.
Canborough Twp.	Con I	" 13	A. Lipde	P. Merritt	Dec. 4, 1964	6	45	19	18	18	D	Topsoil 2; brown clay 42; hardpan 65. Water at 56.
	Con I	" 17	R. Bickler & Son	"	Jan. 21, 1967	8	10	30	25	25	D	Brown clay 25; blue clay 65; gravel hardpan 68. Water at 68.
Canborough Twp.	Con I	" 18	W. Budz	S.W. Merritt	Dec. 28, 1965	8	12	40	38	38	D	Grey clay 75; Niagara rock 88. Water from 78 to 88.
	Con I	" 18	W. Budz	"	Jan. 18, 1967	8	16	28	25	25	S	Clay 35; boulders gravel 55; shale 59. Water at 59.
Canborough Twp.	Con II	" 12	D. Lane	E. Ricker & Sons	June 9, 1966	6	25	22	18	18	D, S	Clay 20; boulders clay 40; clay gravel 55; shale 57; Niagara rock 58. Water at 57.
	Con III	" 1	F. Strini	"	Nov. 13, 1964	6	10	30	25	25	D, S	Blue clay 37; medium gravel 39. Water at 37.
Canborough Twp.	Con III	" 2	H. Nemeyer	P. Merritt	Jan. 28, 1964	6	10	30	25	25	D, S	Blue clay 72; grey shale 73. Water at 73.
	Con III	" 6	K. Holthrop	"	Nov. 4, 1967	6	10	50	18	18	D, S	Brown clay 40; blue clay 61; gravel hardpan 62. Water at 62.
Canborough Twp.	Con III	" 6	H. Bradford	"	Dec. 17, 1964	6	10	25	15	15	D, S	Blue clay 54; grey shale 55. Water at 55.
	Con III	" 8	J. Winnett	S.W. Merritt	Apr. 20, 1967	5 1/2	33	25	20	20	S	Clay 73; sand gravel 76. Water at 75.
Canborough Twp.	DT	" 8	A. Watts	Coughell Bros.	July 24, 1964	5 1/2	16	28	28	28	D	Clay 80; gravel 85; shell rock 91. Water from 85 to 91.
	DT	" 8	M. Sokytha	J. Wickett	Aug. 3, 1966	5	10	40	8	8	D	Sand 4; brown clay 20; grey clay 51. Water at 51.
Canborough Twp.	DT	" 8	M. Sokytha	"	Apr. 22, 1965	5	30	20	15	15	D	Sand 4; blue clay 66; dirty gravel 67. Water at 67.
	DT	" 8	M. Sokytha	R. Swayze	May 7, 1966	5	30	20	15	15	D	Clay 85; gravel clay 87; limestone 92. Water at 90.
Canborough Twp.	IR	" 1	Dunville Metal	S.W. Merritt	Nov. 24, 1966	6	16	40	30	30	D	Blue clay 72; Niagara rock 75. Water at 74.
Canborough Twp.	Con IV	" 11	R. Poote	"	Oct. 21, 1964	5	10	29	28	28	D	Brown clay 12; blue clay 30; dirty gravel 38; grey limestone 41. Water at 41.
	Con IV	" 11	G. Lishman	J. Wickett	Feb. 21, 1967	6	3 1/2	130	48	48	S	Clay 48; grey limestone 50; shale 75; brown limestone 135. Water at 130.
Canborough Twp.	Con IV	" 13	H. Culp	R. Swayze	Sep. 13, 1967	5	40	40	40	40	D	Brown clay 22; brown shale 26; grey limestone 40; hard limestone 55. Water at 50.
	Con IV	" 13	H. Culp	J. Wickett	Sep. 13, 1967	5	40	40	40	40	D	Brown clay 22; brown shale 26; grey limestone 40; hard limestone 55. Water at 50.
Dunn Twp.	Con IV	" 11	K. Lalleste	"	Apr. 22, 1966	5	1	44	20	20	D	Brown clay 15; blue clay 25; flint rock 44. Water at 44.
	Con IV	" 11	M. Devos	J. Wickett	Nov. 14, 1964	5 1/2	10	30	23	23	D	Clay 50; hardpan 57; shell rock gravel 59; shell rock 66. Water from 59 to 65.
Dunn Twp.	RRN Con I	" 11	L. Hopman	Coughell Bros.	June 21, 1967	6	40	26	26	26	S	Clay 24; white limestone 45. Water from 44 to 45.
	RRS Con I	" 13	St. Mitchell	E. Culver	Apr. 27, 1967	6	27	40	40	40	S	Clay 17; brown limestone 65. Water at 64.
Dunn Twp.	Sheehan Tract	10	S. Powell	E. Mitchell	Mar. 8, 1966	8	30	9	7	7	C	Grey clay 39; medium gravel 41; grey limestone 49. Water at 48.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY -cont. Hagersville, Village of	F. Vecero	E. Mitchell	Apr. 24, 1964	6	10	30	20	Fresh	D	Clay shale 8'; flint 45'; brown limestone 57'; grey brown limestone 85'. Water at 27, 57' and 82.
	J. Fava	"	May 22, 1964	6	14	20	20'	"	D	Clay shale 6'; flint 35'; grey brown limestone 70'. Water at 40, 57' and 68.
	D. Hollis	"	June 13, 1964	6	10	50	30	"	D	Clay shale 7'; flint 50'; grey brown limestone 77'. Water at 27, 57' and 69.
	M. Columbus	"	Aug. 4, 1964	6	3	52	35	"	D	Clay shale 8'; flint 48'; grey brown limestone 56'. Water at 37 and 55.
	J. Dellamonte	"	Aug. 13, 1964	6	8	70	30	"	D	Clay shale 5'; flint 30'; grey brown limestone 75'. Water at 52 and 70.
	H. Melnik	"	Nov. 12, 1964	6	10	61	41	"	D	Clay shale 8'; flint 30'; grey brown limestone 82'. Water at 57 and 79.
	S. Dangel	"	May 15, 1965	6	8	55	30	"	D	Clay shale 5'; flint 30'; grey brown limestone 75'. Water at 30, 57 and 70.
	G. O'Connor	"	June 19, 1965	6	10	60	30	"	D	Clay shale 7'; flint 30'; grey brown limestone 75'. Water at 72.
	B. Helka	"	Mar. 17, 1965	6 1/2	6	30	10	"	D	Brown clay 5'; grey shale 8'; flint 35'; grey brown limestone 88'. Water at 35 and 80.
	P. DeMille	"	Apr. 15, 1965	6	10	37	27	"	D	Brown clay 3'; grey shale 6'; flint 33'; grey brown limestone 68. Water at 64.
	T. Rulli	E. Mitchell	June 25, 1965	6	1	124	39	"	D	Brown clay 2'; grey clay shale 7'; flint 35'; grey brown limestone 85'; grey shale 125'. Water at 40 and 90.
	J. Rulli	"	June 26, 1965	6	1 1/2	98	40	"	D	Clay shale 5'; flint 35'; grey brown limestone 95'; grey shale 100. Water at 52, 75 and 95.
	E. Toll	"	July 20, 1965	6	4	95	39	"	D	Clay shale 5'; flint 35'; grey brown limestone 100. Water at 46, 80 and 96.
	J. Lewis	"	Jan. 3, 1966	6	25	40	25	"	D	Brown clay 4'; grey shale 8'; flint 28'; grey brown limestone 91. Water at 40 and 88.
	T. Dalby	"	Jan. 30, 1967	6	20	45	15	"	D	Clay shale 5'; flint 33'; grey limestone 75'. Water at 32 and 74.
	J. Hill	"	Feb. 10, 1967	6	20	45	20	"	D	Clay shale 5'; shale 15'; flint 30'; grey limestone 75. Water at 30 and 72.
Jarvis, Village of	I. Pullen	E. Mitchell	Feb. 15, 1964	6 1/2	3	60	40	Sulphur	D	Clay 12'; flint 57'; grey brown limestone 66. Water at 65.
	V. Columbus	"	Feb. 19, 1964	6 1/2	4	73	39	"	D	Grey clay 15'; gravel 16'; flint 78. Water at 75.
	E. Feilds	"	July 3, 1964	6 1/2	20	80	30	"	D	Grey clay 25'; flint 102. Water at 96 and 99.
	D. Smelser	I. Smelser	Oct. 15, 1964	7	5	50	28	Fresh	D	Topsoil 3'; red clay 11'; grey clay 20'; limestone 59. Water at 50.
	J. Brohman	E. Mitchell	Oct. 29, 1964	6 1/2	5	45	27	"	D	Grey clay 20'; flint rock 47. Water at 44.
	L. Hoover	"	Feb. 26, 1965	6 1/2	10	25	12	"	D	Clay 15'; flint 34. Water at 33.



HALDIMAND COUNTY -cont-									
Moulton Twp. CP Con III	lot 9	A. Gierssewski	P. Merritt	Aug. 17, 1964	6½	10	35	18	D
PRN	" 4	J. VanderKnyff	J. Wickett	Sep. 29, 1966	6½	20	20	20	In
PRN	" 9	Anna Mellick School	S. Merritt	Feb. 27, 1964	6½	8	45	25	P
PRN	" 16	T. Vandervlist	Caughell Bros.	July 30, 1965	5	20	15	14	"
GRPR Con II	" 1	Dr. D. Marshall	E. Stewart	Dec. 6, 1965	5	5	20	15	D, S
GRPR Con II	" 1	"	J. Wickett	Aug. 31, 1967	6½	16	40	8	"
GRPR Con II	" 8	G. Phillips	P. Ince	July 19, 1966	6½	20	40	16	Sulphur
GRPR Con II	" 8	B. Lakato	"	June 19, 1967	6½	12	85	18	Fresh
GRPR Con II	" 15	J. Smith	J. Wickett	Aug. 12, 1965	6½	15	25	8	"
New Credit Indian Reserve									
Con VI	lot 1	G. Herkimer	E. Mitchell	Dec. 2, 1967	6½	10	50	40	D
North Cayuga Twp.									
JT	lot 1	A. Frouwer	J. Wickett	Nov. 19, 1965	6½	10	105	45	D, S
JT	" 5	"	"	Dec. 15, 1964	5	5	59	59	"
JT	" 9	L. Roach	E. Culver	Mar. 23, 1964	6½	25	51	49	D
JT	" 24	MehlerBacher Raceway	"	Mar. 16, 1967	6½	4½	25	25	Sulphur
TRN Con I	" 12	J. Anic	J. Wickett	July 16, 1964	5	10	38	38	"
TRN Con I	" 19	H. Herr	"	Oct. 18, 1966	6	16	48	48	"
TRN Con I	" 33	Anglo-Irish Holdings Ltd.	E. Culver	July 22, 1964	6	7	40	40	"
TRN Con I	" 38	R. Hogeterp	R. Swayze	Mar. 16, 1967	6½	4	55	21	"
TRN Con I	" 42	A. Smith	E. Mitchell	Aug. 13, 1966	6½	15	50	36	"

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
HALDWARD COUNTY—cont. North Cayuga Twp.—cont.	TRN Con I	A.Drinkwater	Aug.20,1966	6½	10	45	36	Fresh	D	Clay 4;shale 15;grey limestone 59. Water at 57.
	lot 42	J.Wickett	June29,1965	5	10	75	74	"	D	White limestone 75;grey limestone 85. Water at 80.
	TRN Con I	A.Burnett	Oct.16,1962	6	20	30	27	"	D,S	Well deepened 35;limestone 60. Water at 57.
	TRN Con I	B.Vanderburg	June 6,1966	5	16	42	40	"	D,S	Brown clay 20;grey clay 41;brown limestone 75. Water at 69.
	TRN Con I	R.Eumfries								
	TRN Con I	J. Wickett	Nov.11,1967	6½	15	42	42	"	D	Brown clay 21;brown shale 52. Water at 48.
	TRN Con I	K.Walker	Nov. 3,1967	6½	20	48	48	"	D,S	Brown clay 2;dirty gravel 51;shale 60. Water at 51.
	TRN Con I	E.Culver	Dec.14,1964	6½	22	20	20	"	D,S	Clay 11;grey limestone 21;brown limestone 33. Water at 31.
	TRN Con I	J.Hanrahan	Nov. 5,1966	6½	12	60	56	"	D,S	Clay 11;flint 20;grey limestone 80. Water at 77.
	TRN Con II	D.Moodie	Sep. 3,1965	6½	30	30	30	Irony	S	Blue clay 30;blue clay stones mixed 47;limestone 55. Water at 52.
	TRN Con II	D.Armstrong	Nov.22,1966	6½	4	90	43	Sulphur	S	Blue clay 40;yellow clay 66;blue shale 70;grey limestone 100. Water at 70.
	TRN Con II	F.Ince	Aug. 1,1967	6½	20	26	24	Fresh	D	Brown clay 10;blue clay 36;gravel 37. Water at 37.
	TRN Con II	K.MacDonald	Aug. 1,1967	6½	20	30	25	"	D	Brown clay 15;blue clay 38;gravel 39. Water at 36.
	TRN Con III	E.Link	Mar. 9,1967	6½	27	20	20	"	D	Clay 32;flint 37;brown limestone 49. Water at 40 and 48.
	Huff Tract	R.Dennis	July15,1967	5	4	47	45	"	D,S	Brown clay 10;grey clay 56;limestone shale Gravel 57. Water from 56 to 57.
	Onelda Twp.									
CTR RE	lot 1	G.Heslop	Oct.13,1966	5	8	60	55	Fresh	D	Brown clay 15;blue clay 47;hardpan 57;grey limestone 68. Water at 65.
CTR RE	" 1	G. Heslop	Apr.20,1967	5	5	62	56	"	D	Brown clay 23;blue clay 48;dirty gravel 58;grey limestone 66. Water at 62.
CTR RE	" 1	G. Heslop	Apr.24,1967	5	10	55	55	"	D	Brown clay 22;blue clay 45;dirty gravel 54;grey shale 63. Water at 58.
CTR RE	" 1	G. Heslop	Oct.30,1967	5	8	64	58	"	D	Brown clay 22;blue clay 54;gravel 59;grey limestone 70. Water at 60.
CTR RE	" 2	J. Beattie	Nov.18,1967	6½	10	55	55	"	D,S	Brown clay 23;shale 61. Water at 59.
CTR RW	" 1	G. Green	July 9,1964	5	10	67	67	"	D	Brown clay 28;blue clay 68;dirty gravel 72; grey limestone 75. Water at 72.
CTR RW	" 7	J. Troubridge	Jan.28,1964	6½	20	45	40	"	D	Brown clay 10;blue clay 30;shale 50;limestone 55. Water at 50.
Con II	" 6	W.Farmer	May 9,1967	5	15	24	24	"	D	Brown clay 20;blue clay 27;dirty gravel 30;blue shale 36. Water at 36.
Con II	" 6	"	May 6,1967	6½	20	35	35	"	D	Brown clay 14;blue clay 38;dirty gravel 40;grey shale 41. Water at 41.
Con II	" 6	J.Farmer	May 10,1967	5	20	13	11	"	D	Brown clay 4;shale 24. Water at 12.
Con II	" 21	E.Hunter	Dec. 5,1966	8	20	74	74	"	D,S	Grey clay 10;shale 23;grey limestone 86. Water at 62 and 82.
Con III	" 4	S.General	Feb.18,1967	6½	1	69	57	"	D,S	Brown clay 15;stony blue clay 60;limestone 69. Water at 65.
Con III	" 14	J.Assies	Oct.30,1964	5	10	25	15	"	D,S	Clay 45;hard limestone 65;soft limestone gypsum 68. Water at 67.
Con III	" 18	G.Forsyth	Apr.15,1964	6½	20	52	50	"	S	Clay 50;shale 70. Water at 67.
Con IV	" 18	W.Doyle	Sep.24,1964	6½	15	35	33	"	D,S	Brown clay 10;blue clay 40;shale 49. Water at 49.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## HALDIMAND COUNTY - Cont.

HALDIMAND COUNTY - Cont.									
Con	lot	J. Wickett	Apr. 11, 1967	5	16	41	41	41	D
Con V	"	"	Aug. 9, 1967	6 1/2	20	23	23	23	"
Con V	"	"	June 8, 1964	5	9	27	5	5	D, S
Con VI	"	"	Aug. 2, 1967	6	25	15	15	15	"
Con VI	"	"	July 24, 1967	6	20	34	34	34	"
PRER	"	W. Packham	Jan. 5, 1966	6 1/2	20	53	43	43	"
PRER	"	R. Swayze	Mar. 28, 1964	6 1/2	20	22	20	20	"
PRER	"	J. Wickett	July 6, 1964	6 1/2	10	43	7	7	"
PRER	"	P. Ince	Nov. 29, 1965	5	14	43	43	43	"
PRER	"	J. Wickett	Sep. 21, 1964	6	20	50	32	32	D, S
PRER	"	J. Wickett	Jan. 16, 1964	5	6	67	50	50	D, S
PRER	"	E. Mitchell	May 23, 1964	6	10	20	18	18	"
PRER	"	B. A. Thomson	May 25, 1967	6 1/2	10	30	30	30	"
PRER	"	J. Wickett	Oct. 30, 1967	6 1/2	10	30	30	30	"
PRER	"	"	July 13, 1967	6 1/2	10	77	77	77	"
PRER	"	"	May 14, 1964	5	15	32	32	32	D, S
PRER	"	"	July 8, 1967	6 1/2	20	67	67	67	"
PRER	"	E. Culver	May 1, 1964	6 1/2	22	22	27 1/2	27 1/2	"
PRER	"	J. Wickett	June 1, 1966	5	15	30	30	30	"
PRER	"	A. Martindale	Aug. 8, 1966	5	10	60	60	60	D, S
Rainham Twp.									
Con I	lot	G. Dennis & Sons	Oct. 12, 1965	6 1/2	32	32	9	9	"
Con I	"	E. Culver	June 7, 1967	6 1/2	1	30	18	18	"
Con I	"	R. Nauman	Dec. 4, 1964	6 1/2	10	22	16	16	"
Con I	"	"	"	6	5	15	15	15	"
Con I	"	"	"	6	2	18	14	14	"
Con I	"	"	"	6	5	15	11	11	"
Con I	"	E. Culver	"	6 1/2	2	16	16	16	"
Con I	"	"	"	6 1/2	2	18	12	12	"
Con I	"	"	"	6 1/2	2	11	10	10	"
Con I	"	"	"	6 1/2	2	11	10	10	"
Con I	"	"	"	6 1/2	2	12	12	12	"
Con I	"	"	"	6 1/2	2	10	10	10	"
Con I	"	"	"	6 1/2	2	10	10	10	"
Con I	"	"	"	6 1/2	2	30	15	15	"
Con I	"	"	"	6 1/2	3	33	10	10	"
Con I	"	"	"	6 1/2	4	25	12	12	"
Con I	"	"	"	6 1/2	3	27	9	9	"



# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING LEVEL G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
HALDIPOND COUNTY - cont.										
Bainham Twp. - cont.										
Con I	J. Verwey	E. Culver	June 24, 1967	6 1/2	11	16	7	Fresh	J	Clay 13 1/2; flint 22. Water at 20.
Con I	lot 18	G. Dennis & Sons	Nov. 20, 1965	5	6 1/2	27	11	Sulphur	D	Overburden brown clay 10; flint 26. Water at 23.
Con I	19	I. Petrie	Oct. 29, 1964	6 1/2	7	27	11	Fresh	D	Surface clay 14; flint rock 30. Water at 27.
Con I	23	S. Penrose	Aug. 17, 1966	6 1/2	15	8	8	"	D	Sand 6; flint 25. Water at 25.
Con I	24	J. Gegluk	Jan. 10, 1967	5	12	22	22	Sulphur	S	Brown clay shell rock 4; flint 50. Water at 42.
Con IV	5	H. Schreyer	Feb. 16, 1965	6	8	30	28	"	D	Brown clay 4; grey clay 18; flint 46. Water at 44.
Con IV	6	H. Neuman	Mar. 4, 1965	6	8	36	28	"	D	Brown clay 4; grey clay 17; flint 48. Water at 45.
Con IV	6	H. Neuman	Sept. 24, 1964	6 1/2	4	36	35	"	D	Flint 43. Water at 40.
Con IV	7	H. Weidrick	Sept. 24, 1967	8 1/2	75	23	20	Fresh	Ir	Clay 11; flint 41. Water at 30.
Con IV	11	Golf Club	Sept. 6, 1967	8	85	23	20	"	Ir	Clay 10; flint 46. Water at 36 and from 42 to 44.
Con IV	11	"	Sept. 18, 1967	8	60	20	16	"	Ir	Clay 13; flint 36. Water at 30.
Con VII	3	A. Schreyer	Apr. 19, 1965	6 1/2	20	28	24	Sulphur	D,S	Brown clay 4; grey clay 23; flint 40. Water at 37.
Con VII	3	J. Wall	Feb. 18, 1964	6 1/2	5	31	17	Fresh	D	Clay gravel mixed 14; flint 40. Water at 35.
Con VII	1	M. Person	Apr. 27, 1967	6 1/2	20	35	13	"	D	Clay 8; clay gravel 18; flint 40. Water at 37.
Con VII	1	E. Huffman	June 2, 1967	6 1/2	3	30	9	"	D	Clay 20; flint 38. Water at 36.
Con VIII	2	G. Nykamp	July 16, 1965	6 1/2	25	30	11	"	S	Brown clay 5; flint 45; grey limestone 77. Water at 74.
Seneca Twp.										
Nelles Tract										
NT	lot 11	T. Gailas	June 15, 1967	6 1/2	15	40	25	Fresh	D	Topsoil 3; brown clay 40; blue clay hardpan 80; coarse gravel 82. Water at 80.
NT		D. Moore	Sept. 26, 1966	5	15	47	47	"	D	Brown clay 23; blue clay 35; dirty gravel 40; brown shale 50; blue shale 52. Water at 52.
NT		H. Young	July 2, 1967	6 1/2	30	10	7	"	D	Sandy loam 2; dirty gravel 19; blue shale 22. Water at 21.
NT		F. Maxeiner	June 16, 1967	6 1/2	6	40	40	"	D	Brown clay 10; shale 55. Water at 53.
PRE Con I	lot 1	G. Deroo	Sept. 13, 1965	6 1/2	15	45	20	"	D	Brown clay 10; blue clay 63; shale 64. Water at 64.
PRE Con I	"	"	Jan. 21, 1966	6 1/2	20	50	50	"	D	Brown clay 10; blue clay 62; shale 64. Water at 64.
PRE Con I	"	F. Hammond	Aug. 11, 1966	6 1/2	15	58	55	"	D	Brown clay 3; blue clay 45; shale 56; grey limestone 67. Water at 62.
PRE Con I	"	G. Deroo	May 25, 1966	6 1/2	20	50	25	"	D	Brown clay 10; blue clay 63; shale 64. Water at 64.
PRE Con I	"	M. Killman	June 14, 1965	5	5	65	35	"	D	Brown clay 10; blue clay 72; gravel 75. Water at 72.
PRE Con I	"	A. Acciaccari	Sept. 21, 1964	6 1/2	15	85	18	"	D,S	Blue clay 80; dirty gravel 105; clay 115. Water at 115.
PRE Con I	"	ro	June 17, 1965	5	18	25	0	"	D,S	Brown clay 15; blue clay 47; grey limestone 48. Water at 47 1/2.
PRE Con I	"	Construction	June 24, 1967	6 1/2	10	40	20	"	D	Brown clay 18; grey clay 48; shale 50. Water at 50.
Plank Road West										
PRE Con I	lot 2	A. Hartog	Aug. 21, 1964	6 1/2	10	64	62	Fresh	D	Brown clay 10; blue clay 66; shale 72. Water at 68.
PRE Con I	2	S. Elzinga Bldr	Mar. 14, 1966	6 1/2	15	60	59	Fresh	D	Topsoil 1; brown clay 20; grey clay 62; limestone 80; blue shale 96. Dry hole.
PRE Con I	"	G. Deroo	July 14, 1964	30	15	60	59	Fresh	D	Brown clay 15; hardpan 65; shale 71. Water at 65.
PRE Con I	"	Seebeck Const.	Aug. 5, 1965	6 1/2	110	40	40	Sulphur	D	Clay large boulders 35; rock. Dry hole.
PRE Con I	"	Hadco Well Digging Ltd.	May 29, 1966	6 1/2	30	55	45	Fresh	D	Clay 62; limestone 120. Water at 75.
PRE Con I	"	H. Young (Bldr.)	May 31, 1966	6 1/2	30	55	45	Fresh	D	Clay 70; shale 72; limestone 75. Water at 73.
PRE Con I	"	C. Dunrook	June 3, 1966	6 1/2	5	52	12	"	D	Brown clay 18; blue clay 48; gypsum 52; limestone 56. Water at 55.
PRE Con I	"	S. Elzinga	June 3, 1966	6 1/2	5	52	12	"	D	Water at 55.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# RAIDMUND COUNTY - cont.

Seneca Twp. - cont.

Plank Road West cont.

PRW Con I E<sup>1</sup> lot 3 C. Dunbar (Bldr.) W. Packham

PRW Con I E<sup>1</sup> " 3 G. Dercoo F. Ince

PRW Con I E<sup>1</sup> " 3 Seebeck Const. H. Johnson

PRW Con I E<sup>1</sup> " 3 Ciardon J. Wickett

PRW Con I E<sup>1</sup> " 3 D. Koning (Bldr.) Cross Bros. Estate Ltd.

PRW Con I E<sup>1</sup> " 4 T. McCartney " "

PRW Con I E<sup>1</sup> " 6 Gugenberger J. Wickett

PRW Con I E<sup>1</sup> " 6 R. Fleming Sovereign Const. " "

PRW Con I E<sup>1</sup> " 7 H. Thompson F. Ince

PRW Con I E<sup>1</sup> " 8 D. Koning (Bldr.) Cross Bros.

PRW Con I E<sup>1</sup> " 10 J. Williamson J. Wickett

PRW Con I E<sup>1</sup> " 11 L. Whitelaw Cross Bros.

PRW Con I E<sup>1</sup> " 17 W. Parr P. Ince

PRW Con I <sup>1</sup>/<sub>2</sub> " 2 M. Dubozonek F. Ince

PRW Con I <sup>1</sup>/<sub>2</sub> " 2 S. Elzinga (Bldr.) Cross Bros.

PRW Con I <sup>1</sup>/<sub>2</sub> " 3 R. Ferrell (Bldr.) " "

PRW Con I <sup>1</sup>/<sub>2</sub> " 3 " " " "

PRW Con I <sup>1</sup>/<sub>2</sub> " 3 " " " "

PRW Con I <sup>1</sup>/<sub>2</sub> " 3 Seebeck Const. Hadco Well Dig-

PRW Con II " 3 W. Beswick J. Wickett

PRW Con III " 4 F. Strafer E. Constable

PRW Con III " " " " " "

River Range lot 17 Can. Eng. Contr. J. Wickett

RR " 18 J. Verduyn " "

RR " 18 Iork United Church

RR " 18 H. Edwards " "

RR " 18 J. Asinga " "

RR " 37 C. Fay " "

RR " 37 C. Fay " "

Nov. 15, 1966 6 <sup>1</sup>/<sub>2</sub>

July 14, 1964 6 <sup>1</sup>/<sub>2</sub>

Aug. 16, 1965 5

Feb. 8, 1966 6 <sup>1</sup>/<sub>2</sub>

June 6, 1966 6 <sup>1</sup>/<sub>2</sub>

July 23, 1964 6 <sup>1</sup>/<sub>2</sub>

Sept. 9, 1966 5

Nov. 25, 1966 5

Nov. 20, 1964 6 <sup>1</sup>/<sub>2</sub>

Feb. 23, 1966 6 <sup>1</sup>/<sub>2</sub>

July 12, 1965 5

July 19, 1966 6 <sup>1</sup>/<sub>2</sub>

Oct. 13, 1966 6 <sup>1</sup>/<sub>2</sub>

May 12, 1964 6 <sup>1</sup>/<sub>2</sub>

July 28, 1964 6 <sup>1</sup>/<sub>2</sub>

Feb. 14, 1964 6 <sup>1</sup>/<sub>2</sub>

Aug. 29, 1964 6 <sup>1</sup>/<sub>2</sub>

Sept. 18, 1964 6 <sup>1</sup>/<sub>2</sub>

Aug. 5, 1965 30

Nov. 24, 1967 5

Oct. 5, 1964 6 <sup>1</sup>/<sub>2</sub>

Nov. 4, 1966 6 <sup>1</sup>/<sub>2</sub>

May 16, 1967 6 <sup>1</sup>/<sub>2</sub>

Nov. 22, 1965 5

Sept. 24, 1966 5

Nov. 3, 1966 5

Oct. 4, 1967 6 <sup>1</sup>/<sub>2</sub>

Oct. 5, 1965 5

Oct. 7, 1965 5

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Water

at 25.

Well pit 5; brown clay 18; hardpan 25; grey limestone. Water

at 46.

Brown clay 23; shell rock 40. Water at 38.

Brown clay 30; hardpan 33; grey limestone 55. Water at 55.

Dug well 28; brown clay 33; shell rock 50. Water at 46.

Brown clay 23; shell rock 40. Water at 38.

Brown clay 30; hardpan 33; grey limestone 55. Water at 55.

Well pit 5; brown clay 18; hardpan 25; grey limestone. Water

at 25.

Well pit 5; brown clay 18; hardpan 25; grey limestone. Water

at 25.

Well pit 5; brown clay 18; hardpan 25; grey limestone. Water

at 25.

Well pit 5; brown clay 18; hardpan 25; grey limestone. Water

at 25.

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# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
HALDIBAND COUNTY - cont. Seneca Twp. - cont.										
SCRNW Con I lot 7	D. Heed	J. Wickett	Oct. 25, 1965	5	10	22	22	Fresh	D, S	Brown clay 23; blue clay pebbles 62; gravel 63. Water at 62.
SCRNW " " 13	A. Emery	E. Constable	June 6, 1966	5 1/2	5	26	20	"	D	Topsoil 4; brown clay boulders 34; blue clay 52; coarse gravel 66. Water at 32.
SCRNW " " 13	F. Vancarskot	"	May 15, 1967	6 1/2	20	50	30	"	D, S	Topsoil 5; brown clay 35; blue clay 55; grey shale 65; red shale 75. Water at 72.
SCRNW " " 17	C. Oussoren	F. Ince	Jan. 11, 1967	6 1/2	5	110	40	Sulphur	D	Brown clay 15; blue clay 86; limestone 115. Water at 114.
SCRNW Con II " 10	B. Walker	J. Wickett	Apr. 23, 1966	5	16	43	43	Fresh	D, S	Brown clay 15; blue clay 78; dirty gravel 87. Water at 86.
SCRS Con I " 17	M. Gsorbj	"	June 15, 1966	5 1/2	5	23	15	"	D	Topsoil 4; brown clay boulders 20; blue clay boulders 70; coarse gravel 74. Water at 70.
SCRS Con II " 1	J. Mahoney	S. Merritt	Dec. 18, 1967	6 1/2	117	35	35	"	S	Clay 36; clay gravel 58; shale 65; white rock 90; Niagara rock 117. Water at 65.
SCRS Con II " 6	H. Turnbull	R. Swayze	Dec. 22, 1964	6 1/2	30	22	22	Irony	S	Clay 50; gravel clay 60; shale limestone 65. Water at 61.
SCRS Con II " 13	A. Allen	F. Ince	May 24, 1964	6 1/2	30	50	30	Fresh	D	Brown clay 10; blue clay 60; gravel 62. Water at 60.
SCRS Con III " 2	L. Bruttocao	E. Constable	Sep. 26, 1967	6 1/2	20	20	20	"	S	Black muck 35; blue clay 41; grey shale 48. Water at 46.
SCRS Con III " 5	L. Patterson	"	Sep. 15, 1967	6 1/2	10	48	35	Fresh	D, S	Topsoil 4; brown clay 30; blue clay 50; grey shale 58. Water at 56.
SCRS Con III " 7	J. Downie	"	Dec. 22, 1967	6 1/2	5	30	20	"	D, S	Topsoil 4; brown clay 30; blue clay 39; grey shale 60; blue shale. Water at 60.
SCRS Con III " 13	R. Hewit	J. Wickett	Apr. 14, 1965	5	5	95	50	"	D, S	Brown clay 20; blue clay 40; hardpan 81; grey limestone 100. Water at 53.
SCRS Con IV " 10	J. Tomlinson	E. Constable	Sep. 1, 1967	6 1/2	10	60	35	"	D, S	Topsoil 3; brown clay 25; blue clay 56; grey shale 68. Water at 66.
SCRS Con IV " 15	H. Parker	E. Ricker & Son	July 17, 1965	6 1/2	30	26	18	"	D, S	Brown clay str. nes 20; blue clay 55; fine gravel 56; shale 62; limestone 63. Water at 63.
Van Every Tract	H. Ward	J. Wickett	Dec. 21, 1966	5	16	55	55	"	D	Sandy loam 10; brown clay 18; blue clay 62; grey limestone 70. Water at 66.
Young Tract	J. Matosick	E. Constable	Oct. 23, 1967	6 1/2	20	45	35	"	D	Topsoil 4; brown clay 50; blue clay 76; fine gravel 81. Water at 78.
Sherbrooke Twp. Con I lot 13										
Con II " 12	M. D. Abbott	F. Merritt Gaugheill Bros.	Aug. 29, 1966 Aug. 16, 1965	6 1/2 6	2 10	75 25	40 18	Sulphur Fresh	D S	Brown clay 15; blue clay 66; flint 83. Water at 80. Clay 25; quicksand 35; dirty stone hardpan 38; flint 73; limestone 80. Water at 78.
South Cayuga Twp. FT lot 2	J. Hattray	J. Wickett	Sep. 12, 1966	5	15	12	12	Fresh	D	Brown clay 2; dirty gravel 32; grey shale 36. Water at 30.
Con III " 26	J. Thomson	"	June 30, 1965	5	12	28	20	"	D	Brown clay 20; dirty gravel 33; grey limestone 35. Water at 33.
Con III " 26	V. Alger	"	July 3, 1965	5	10	29	25	"	D	Brown clay 10; gravel 34; grey limestone 37. Water at 33.
Con III " 26	H. B. Ckman	"	July 6, 1965	5	12	24	24	"	D	Brown clay 16; dirty gravel 29; grey limestone 35. Water at 30.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HAIDIMAND COUNTY -cont. Walpole Twp. - cont.										
Con VI lot 22	P. Rauwerda	E. Mitchell	June 2, 1964	6 1/4	10	45	20	Sulphur	D	Grey clay 10; flint 58. Water at 56.
Con VII	Harwick, Cham-berlain Farm	"	Aug. 5, 1966	8	5	89	69	"	D, S	Sandy clay 40; flint 105. Water at 102.
Con VIII	T. Kish	P. Neudent	June 30, 1967	36	1	48	23	Fresh	D	Topsoil 1; grey clay 38; rock. Dry hole.
Con VIII	O. Williamson	R. Swayze	Mar. 18, 1964	6 1/4	10	33	18	"	P	Dug well 24; clay stones 34; flint 50. Water at 48.
Con VIII	E. Sheclier	E. Mitchell	May 24, 1966	10	10	33	18	"	P	Brown clay 10; gravel 15; flint 40. Water at 38.
Con VIII	Tabu Motel	"	Aug. 5, 1967	6 1/4	5	30	20	"	D	Grey clay gravel 32; brown limestone 37. Water at 35.
Con IX	G. Mason	"	Feb. 4, 1964	6 1/4	24	30	55	Sulphur	D	Clay 42; flint 95; grey brown limestone 120. Water at 103 and from 113 to 118.
Con X	E. Parkinson	"	Aug. 25, 1967	6 1/4	9	31	20	"	D, S	Grey clay 46; flint 61. Water at 60.
Con XI	C. Phillips	R. Swayze	Sep. 15, 1967	6 1/4	30	25	18	"	D	Clay 23; flint 62. Water at 59.
Con XI	Midtown Motors	E. Mitchell	Aug. 16, 1965	6 1/4	10	30	20	Fresh	D	Grey clay 16; flint 40. Water at 38.
Con XI	R. Schurr	"	Aug. 23, 1965	6 1/4	2	85	24	Sulphur	D	Grey clay 11; flint 60; grey brown limestone 87. Water at 52 and 79.
Con XII	C. Harrop	"	Dec. 8, 1964	6 1/4	20	74	35	"	D, S	Brown clay 15; blue clay 22; gravelly blue clay 28 1/2; flint 30; grey limestone layers flint 42; grey limestone 88. Water at 86.
Con XII	J. Kochur	G. Wallis	Sep. 21, 1967	6 1/4	5	45	24	Fresh	D	Clay 17; flint 50. Water at 48.
Con XII	J. Bradshaw	R. Swayze	Apr. 28, 1965	6 1/4	12	31	35	"	D	Clay 6; flint 30; grey brown limestone 75. Water at 20, 47 and 70.
Con XIII	L. Tiessen	R. Swayze	Feb. 3, 1964	6 1/4	4	80	28	"	D	Clay 15; flint 45; limestone 90. Water at 35.
Con XIII	A. Winger	"	Oct. 3, 1966	6 1/4	30	22	32	"	D, S	Yellow clay 17; grey limestone 70. Water at 65.
Con XIII	A. Bowen	E. Mitchell	Nov. 17, 1967	6 1/4	24	50	32	"	S	Grey clay 23; flint 40; brown grey limestone 70. Water at 48 and 68.
Con XIII	L. Gowan	E. Stewart	Dec. 2, 1964	5	5	90	30	"	D, S	Clay 40; hard limestone 95. Water at 75.
Con XIV	Pearce Constr. Ltd.	E. Mitchell	July 29, 1965	6 1/4	12	22	2	"	D	Grey clay 22; grey clay gravel 47; gravel 48. Water at 48.
Con XIV	"	"	Jan. 8, 1966	6 1/4	15	9	4	"	D	Grey clay 32; coarse gravel 50. Water at 49.
Con XV	A. Thompson	R. Swayze	Oct. 25, 1966	6 1/4	15	53	54	"	D	Clay 10; limestone 72. Water at 69.
Con XV	I. Carpenter	E. Mitchell	Dec. 2, 1967	6 1/4	10	30	25	"	D, S	Clay 5; grey limestone 29; brown grey limestone 50. Water at 48.
Con XV	ffman	"	Aug. 17, 1964	6 1/4	10	40	27	"	D, S	Clay shale 5; grey shale 15; grey limestone 48. Water at 42.
Con XV	A. Ewman	"	Oct. 3, 1966	6 1/4	10	25	20	"	D	Grey clay 10; grey limestone 44. Water at 41.
Con XV	C. Cockrane	"	June 3, 1965	6 1/4	10	5	Flows	"	D	Clay 37; gravel 42; grey limestone 45. Water at 45.
Con XV	H. Sloate	J. Wickett	June 10, 1967	6 1/4	24	8	0	"	D	Brown clay 13; shale 24. Water at 20.
Con XV	C. Morgan	E. Mitchell	Apr. 8, 1965	6 1/4	24	8	0	"	D	Clay 30; grey limestone 80. Dry hole.
Con XV	"	"	Apr. 14, 1965	6 1/4	15	20	7	Fresh	D, S	Clay 30; grey limestone 50. Dry hole.
Con XVI	M. Belore & G. Belore	"	Nov. 9, 1964	6 1/4	15	20	7	"	D, S	Clay 36; clay gravel 38; gravel 40; grey limestone 41. Water at 41.

EUREON COUNTY  
Ashfield Twp.  
Con I

ED Con III	"	2	E. Draper	L. Johnston	G.L. Davidson	Apr. 20, 1967	5½	20	75	72	Fresh	D	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay 64; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con III	"	10	H. Burgess	"	G.L. Davidson	Mar. 31, 1967	5	15	130	96	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con IV	"	8	R. Eedy	"	"	Apr. 4, 1967	5	10	130	105	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con IV	"	12	A. Van Dongen	Ladco Drlg & Exploration Co.	"	July 2, 1964	4	10	110	100	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con IV	"	12	West Wawanosh Mutual Ins. Co.	G.L. Davidson	"	Nov. 14, 1964	5	20	150	127	"	D	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con V	"	12	T. Wiggins	Ladco Drlg & Exploration	"	June 3, 1966	4	10	105	90	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con V	"	12	A. Sherwood	G.L. Davidson	"	Sep. 17, 1965	5	25	155	127	"	D	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con VI	"	11	P. Caesar	"	"	June 1, 1966	4	10	90	86	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con VIII	"	10	A. Juba	"	"	May 31, 1967	4	15	25	23	"	D	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con VIII	"	12	Ashfield School area #2	"	"	Apr. 29, 1966	6½	32	74	65	"	P	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con X	"	4	H. Wilkins	"	"	June 17, 1963	4	10	65	49	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con X	"	5	A. Van Osch	"	"	May 11, 1965	4	8	110	103	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con X	"	7	J. Holick	"	"	Oct. 4, 1966	4	5	110	91	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con XI	"	12	G. Lucas	"	"	Sep. 24, 1965	4	10	60	51	"	D	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con XII	"	1	P. Van Osch	"	"	Aug. 25, 1965	4	10	125	93	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con XII	"	9	L. Hackett	"	"	Jan. 21, 1964	4	6	146	126	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con XIII	"	2	D. Hogan	"	"	Oct. 26, 1966	4	10	80	74	"	D, S	Topsoil 1; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
HUYON COUNTY - cont. Ashfield Twp. - cont. ED Con XIV lot 9	H. Ritchie	G.L. Davidson	Mar. 4, 1965	4	15	60	54	Fresh	D, S	Clay 17; gravel sand 26; quicksand 65; sand hardpan 130; brown soft shale 133; brown hard rock 178; brown soft rock 202.
FC NTP " 1	G. Gardiner	"	July 13, 1967	4	7	30	6	"	D	Topsoil 8; clay 60; hardpan 82; brown shale 98; brown blue soft limestone shale 139. Water at 139.
FC NTP " 7	M. Garvey	W. Hopper & Son	Aug. 14, 1967	5	9	80	60	"	D	Topsoil 1; yellow clay 10; blue clay 90; hardpan 160; loose rock 167; brown limestone 225. Water from 190 to 225.
FC NTP " 11	E. Vogel	"	July 2, 1966	5	12	16	15	"	D	Blue clay 65; stones gravel 75; hardpan 89; brown limestone 103; white limestone 124. Water from 108 to 124.
FC NTP " 11	L. Miller	"	Aug. 3, 1966	5 1/4	18	7	2	"	D	Blue clay 56; hardpan 60; shale 89; white limestone 116. Water from 100 to 116.
FC NTP " 14	H. Lambertus	"	Sep. 22, 1964	4	20	75	67	"	D	Topsoil 1; brown clay 11; sand gravel 14; blue clay 108; brown shale 111; brown medium soft limestone 136. Water at 136.
FC NTP " 15	G. Kazma	"	May 31, 1965	5	12	30	15	"	D	Yellow clay 8; blue clay 68; hardpan 88; brown rock 145. Water 130 to 145.
FC NTP " 22	W. Van Osch	G.L. Davidson	Sep. 12, 1967	4	40	40	67	"	D	Topsoil 1; brown clay 14; blue clay 50; soft marl clay 63; clay stones 170; hardpan 184; soft shale 191. Water at 191.
FC NTP " 26	G. MacDonald	Hopper Well Drig	Aug. 25, 1966	5 1/4	16	45	43	"	D	Blue clay 150; hardpan stones 169; brown caving shale 240; light brown limestone 268. Water from 242 to 268.
FC NTP " 38	Twp Ashfield	G.L. Davidson	Nov. 21, 1966	4	12	70	66	"	P	Clay 18; gravel 22; blue clay 148; gravelly hardpan 162; hardpan 178; shale brown soft clay 208; brown soft rock 232. Water at 232.
FC STP lot 1	C. Hayden	G.L. Davidson	June 8, 1964	4	10	80	72	Fresh	S	Blue clay 70; brown hard shale 97; brown hard rock 133. Water at 133.
FC STP " 3	P. Crawford	F. Jackson	Oct. 16, 1965	4	12	60	60	"	D	Hardpan 13; blue clay 100; shale rock 109; limestone 119. Water at 112.
FC STP " 6	J. Graham	G.L. Davidson	Nov. 15, 1965	5 1/4	36	60	49	"	D	Topsoil 1; clay 55; brown caving shale 58; brown hard limestone 74. Water at 74.
FC Port Albert Townplot	Dr. O. Schuh	G.L. Davidson	May 17, 1966	4	12	67	62	"	D	Topsoil 8; brown clay 11; blue sticky clay 108; clay brown shale 121; brown soft rock 142. Water at 142.
	E. Johnston	W. Hopper & Sons	May 10, 1967	4	5	30	3	"	D	Yellow clay 5; blue clay 70; hardpan 90; broken limestone 95; brown limestone 130. Water from 120 to 130.
	M. Johnston, & H. Hobbs, & R. Graham & H. Pepper	"	July 10, 1967	4	50	Flows		"	D	Topsoil 1; sandy clay 3; dirty clay 18; hardpan 40; gravel 47; grey limestone 50. Water from 47 to 50.
		"	July 25, 1967	5	10	30	6	"	D	Topsoil 1; yellow clay 10; blue clay 130; hardpan 182; loose rock 188; brown limestone 230. Water from 200 to 230.
WD Con II lot 1	C. Hayden	G.L. Davidson	June 2, 1964	4	10	90	78	"	D, S	Blue clay 36; sand 42; blue clay 70; brown shale 87; brown hard rock 141. Water at 141.
WD Con X " 3	T. Reurink	"	Jan. 30, 1964	4	10	102	94	"	D, S	Dry well 5; blue clay 68; hardpan 91; brown shale 102; grey hard rock 125; brown medium hard rock 141; light brown hard rock 146; greyish brown soft rock 153. Water at 153.
WD Con X " 3	F. Van Dieren-beck	"	Jan. 15, 1966	4	10	80	79	"	D, S	Brown clay 17; blue clay 80; hardpan gravel 91; white brown shale 94; brown hard rock 97; brown soft shale 101; brown medium hard rock 127. Water at 127.
WD Con X " 6	Y. Sinnett	"	Sep. 29, 1966	5	10	120	86	"	D, S	Topsoil 8; brown clay 14; blue clay 67; hardpan 73; bridging clay 78; stony hardpan 113; brown hard limestone 132; brown medium hard limestone 168. Water at 168.

HURON COUNTY - cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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\* See end of Appendix C for the meanings of abbreviations and symbols.

[illegible][illegible]



HURON COUNTY - cont.

Colborne Twp. - cont.	lot	A	R. Arnold	W. Hopper & Sons	Aug. 24, 1967	4	8	93	90	Fresh	D	Topsoil 1; sand 7; blue clay 100; hardpan 115; loose rock 120; brown limestone 160. Water from 150 to 160.
WD	"	A	P. Battersby	"	Aug. 31, 1967	4	8	94	90	"	D	Topsoil 1; sand 6; blue clay 97; hardpan 117; loose rock 122; brown limestone 175. Water from 160 to 175.
WD	"	A	R. Pattison	G. Davidson & Son	Oct. 7, 1966	4	10	90	83	"	D	Sand clay 14; blue clay 140; clay stones 153; brown soft shale 157; brown medium rock 202. Water at 186 and 202.
WD	"	C	J. Wilson	W. Hopper & Sons	Aug. 22, 1967	4	8	102	100	"	D	Fill 1; sand 8; yellow clay 14; blue clay 98; hardpan 127; loose rock 130; brown limestone 170. Water from 150 to 170.
WD	"	D	P. Shields	G. L. Davidson	Nov. 4, 1964	4	12	103	103	"	D, S	Brown clay 12; blue clay 68; hardpan 90; brown shale 113; brown soft rock 172. Water from 160 to 172.
WD	"	F	J. Redmond	Ladco Drilling & Exploration Co.	June 6, 1967	5	10	97	92	"	D, S	Clay rocks 117; brown limestone 170. Water at 165.
WD	Falls Reserve		K. Hunter	G. L. Davidson	July 18, 1967	4	10	30	24	"	D	Topsoil 1; clay stones 12; grey blue hard limestone 16; brown medium hard limestone 82. Water at 66 and 82.
East Wavenosh Twp.	lot	30	R. Lubbers	G. L. Davidson	Feb. 17, 1966	4	10	82	78	Fresh	D, S	Clay sand gravel 12; blue clay 28; sand gravel stones 62; shales sand 78; brown very hard limestone 138; light brown medium hard limestone 155. Water from 150 to 155.
Con II	"	37	A. Toll	"	Apr. 20, 1965	4	15	55	46	"	D, S	Topsoil 1; fill 4; gravel sand 20; coarse gravel stones 33; stony hardpan boulders 113; blue grey loose shale 117; brown shale 121; grey medium hard rock 135; brown soft rock 170. Water from 160 to 170.
Con III	"	38	R. Charter	"	July 24, 1964	4	15	30	20	"	D, S	Topsoil 1; brown clay 8; sand 13; stony hardpan 44; gravel 53; hardpan stone boulder 102; soft buff shale 107; brown medium hard shale 111; brown medium hard limestone 128; grey medium hard limestone 134; brown medium hard limestone 145; brown soft limestone 157. Water from 145 to 157.
Con VII	"	28	S. Thompson	"	Jan. 12, 1965	4	10	80	78	"	D, S	Dry well 5; sand gravel 26; hardpan stone 2; sand gravel 66; hardpan gravel layers 137; grey brown soft limestone 178. Water at 178.
Con VII	"	40	D. Hallahan	"	Aug. 9, 1966	4	8	90	86	"	D, S	Clay gravel 18; hardpan 56; clay gravel stones 132; sand 136; brown soft shale 144; brown soft limestone 191. Water at 191.
Con VIII	"	41	J. Carmichael	"	Aug. 5, 1965	4	13	100	59	"	D, S	Topsoil 1; hardpan 25; gravel 44; stony hardpan 67; gravel 82; hardpan 111; brown medium hard rock 127. Water at 127.
Con VIII	"	42	R. Marks	C. Keeso	July 7, 1964	4	15	16	14 1/2	"	D	Topsoil 1; sand 20; gravel 60; sandy clay 82; brown shale 100; brown limestone 114. Water from 109 to 114.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. East Wawanosh Con IX	East Wawanosh Twp. School Area	G.L. Davidson	May 2, 1966	5	30	80	56	Fresh	P	Topsoil 1; clay sand 4; clay stones 23; gravel stones boulders 35; stony hardpan 60; shale 65; brown gray medium soft rock 142. Water at 142.
Con XII	" 37 E. Shiell	"	Apr. 23, 1964	4	10	70	55	"	S	Sandy clay 12; stony gravel 31; hardpan boulders 11; cemented gravel 128; brown hard rock 162; light brown hard rock 178. Water at 174.
Con XIII	" 29 A. Purdon	"	Nov. 2, 1965	4	12	30	27	"	D, S	Coarse gravel stones 20; stony hardpan 51; red clay 90; hardpan 99; loose shale 105; white hard limestone 143. Water at 143.
Con XIII	" 33 C. Bannister	R. Smith	May 30, 1966	5	10	40	31	"	D, S	Sandy brown clay stones 10; stones 14; gravel 27; stony blue clay 35; stones 41; gravel 49; stony blue clay 62; blue clay 84; gravelly blue clay 126; brown limestone 149. Water at 149.
Con XIII	" 42 Ont. Dept. of Highways	G. L. Davidson	Mar. 21, 1966	7	12	12	8	"	P	Sand 8; stony hard hardpan 10; clay soft sand 24; clay hard pebbles 30; shale soft clay seams 57; brown soft limestone 100. Water from 96 to 100.
Con XIII	" 42 E. Congram	"	Oct. 3, 1966	4	10	40	39	"	D, S	Topsoil 2; hardpan 4; sand gravel 32; hardpan 43; shale brown loose rock 64; brown rock 94. Water at 94.
Con XIV	" 31 S. Majka	"	Aug. 18, 1966	4	10	70	68	"	D	Sand 6; sand gravel 9; sand 27; sand gravel 41; hardpan 54; sand gravel stones 66; clay gravel stones 136; brown soft shale 160. Water at 160.
Con XIV	" 38 M. Kuepfer	"	July 4, 1966	4	12	20	7	"	D, S	Gravel 18; hardpan 34; gravel 36; hardpan 58; shale 68; brown rock 111. Water at 111.
Con XIV	" 41 W. Stepieton	"	Sep. 30, 1965	4	20	45	29	"	D	Stony topsoil 1; stony hardpan sand gravel 38; sand stones 77; brown loose shale 83; red soft shale 111; soft buff rock 143. Water from 140 to 143.
Con XIV	" 42 R. Lloyd	"	June 30, 1967	6 1/2	30	32	20	"	D	Topsoil 1; sand 9; sand gravel 12; stony hardpan 41; loose brown rock 77; brown hard rock 89; brown soft rock 108. Water from 80 to 108.
Exeter Town	L. Sparks	W. Hopper & Sons	Oct. 26, 1967	4	9	34	25	Fresh	D	Yellow clay 16; blue clay 32; coarse sand 37; gravel 44. Water at 44.
Coderich Town	J. Remington	G.L. Davidson	Aug. 20, 1964	5 1/2	30	128	108	Fresh	D	Topsoil 1; brown clay 4; sand gravel 17; blue clay 94; stony hardpan 118; brown soft shale 123; brown soft limestone 187. Water at 187.
	K. Allin	W. Hopper & Sons	Nov. 7, 1966	4	8	117	115	"	D	Gravel 14; dirty gravel 10; yellow clay 15; blue clay 105; hardpan 112; loose rock 115; brown limestone 180. Water from 160 to 180.
Coderich Twp. BC	R. Hartman	W. Hopper & Sons	Aug. 9, 1967	4	10	56	38	Fresh	D	Yellow clay 16; blue clay 82; hardpan brown rock 145. Water at 145.
Con I	" 10 J. Miller	"	Apr. 5, 1965	4	10	40	35	"	D	Yellow clay 26; blue clay 78; hardpan 111; brown limestone 158. Water from 150 to 158.
Con I	" 16 D. & M. McArthur	"	Aug. 5, 1964	4	11	48	47	"	D	Top clay 5; clay sand 20; blue clay 89; hardpan 103; brown limestone 137; light limestone 155. Water from 137 to 155.
Con I	" 16 H. Andressen	G.L. Davidson	July 30, 1965	4	10	80	64	"	D	Topsoil 1; brown clay 20; blue clay 78; clay stones 94; soft brown shale 99; grey medium hard rock 112; grey soft rock 124; soft buff rock 142. Water at 124 and 142.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Goderich Twp. - cont. Con VIII	H. McCabe	Ladco Drlg.	Apr. 25, 1964	4	8	195	190	Fresh	D, S	Brown clay rocks 30; sand 60; grey clay rocks 200; brown limestone 225. Water from 220 to 225.
Con VIII	J. DeRuyter	G.L. Davidson	Jan. 25, 1967	5	9	220	200	"	D, S	Topsoil 1; red blue clay 40; gravel 42; clay gravel stones 76; clay sand stones 148; stony hardpan 199; grey hard rock 215; brown hard rock 247. Water at 247.
Con VIII	W. Dykstra	"	Apr. 13, 1967	5	20	200	176	"	D, S	Topsoil 1; sand 14; blue clay 26; sand gravel 34; clay 48; marl sand clay 77; clay sand gravel streaks 128; sandy clay 163; 222; brown medium soft limestone 225. Water from 222 to 225.
Con VIII	P. DePutter	P. Jackson	Aug. 9, 1965	4	9	210	210	"	D	Clay soil 3; hardpan grit 15; clay grit sand boulders 194; limestone black specks 230. Water at 205.
Con IX	G. Brand	"	Dec. 10, 1965	4	6	244	244	"	D, S	Hardpan 1; blue clay 50; sand grit clay 220; limestone black specks 290.
Con XII	A. Van Dongen	W. Hopper & Sons	Dec. 13, 1965	5	8	197	195	"	D, S	Sand 28; sand clay 96; hardpan 130; brown limestone 255. Water from 195 to 255.
Con XV	T. Pearson	P. Jackson & Sons	Dec. 4, 1964	4	5	225	225	"	D	Topsoil 2; hardpan 15; blue clay grit 100; boulders false rock 115; limestone 180; buff coloured rock 243. Water at 225.
Con XV	W. Chown	"	Apr. 16, 1966	4	20	70	51	"	D	Sand 48; clay boulders 110; limestone black specks 118. Water at 114.
Con XVI	L. Tyndel	"	July 8, 1966	4	6	215	215	"	D, S	Clay sand 10; clay 30; clay grit 75; clay stones 100; clay false rock 105; grey limestone 160; rock 215; brownish limestone 245. Water at 125 and 240.
Con XVII	C. Ellis	R. Hudson	Sep. 3, 1964	36	1	25	18	"	D	Brown clay 15; sand silt 24; blue clay 35. Water at 18.
Con XVII	W. Gerrits	G.L. Davidson	Nov. 2, 1967	5	9	111	110	"	D, S	Topsoil 2; clay 6; sand gravel 28; clay sand gravel 51; gravel 54; brown hard limestone 128; brown medium hard soft limestone 157. Water at 157.
Con XVII	A. Hummell	P. Jackson & Son	June 16, 1965	4	8	264	264	"	D, S	Clay topsoil 2; hardpan 15; clay grit 100; false rock 124; limestone 184; buff colour rock 294. Water at 290.
Huron Road	C. Wallson	"	Aug. 11, 1966	5	12	75	75	"	D	White sand 15; sand gravel 30; sand 65; clay boulders 95; false limestone 98; boulders grit 115; limestone 123. Water at 119.
Maitland Con	G. Ginn	Ladco Drlg.	Jan. 15, 1964	4	6	150	148	"	D, S	Brown clay 18; grey clay rocks 30; gravel sand 45; grey clay rocks sand layers 160; brown limestone 180. Water from 165 to 175.
Maitland Con	L. Weber	P. Jackson	Feb. 18, 1964	4	6	213	213	"	D	Sandy loam 3; red sand 25; sand clay 100; clay false rock 115; limestone 235. Water at 214.
Maitland Con	E. Potter	G.L. Davidson	May 12, 1967	5	5	220	213	"	D, S	Topsoil 1; sand sandy clay 18; gravel 41; sand clay 73; clay stones 100; brown grey hard limestone 129; grey hard limestone 205; grey brown medium limestone 232. Water from 219 to 232.
Maitland Con	I. Tebbutt	P. Jackson	Oct. 20, 1966	5	12	160	142	"	D	Brown clay sand 15; blue clay grit 100; clay boulders sand 144; limestone 180; rock 245; grey limestone black specks 260. Water at 255.
Maitland Con	A. Uyl	Hadco Well Drlg. & Digging Ltd.	July 15, 1967	30				"	D	Topsoil 1; brown clay 13; blue clay 18; blue sand 21; blue clay 22; brown sand 24; blue clay 26; blue sand 30. Water at 21.

\* See end of Appendix C for the meanings of abbreviations and symbols.

HURON COUNTY - cont.

Con I	lot 16	M. Bray	G.L. Davidson	June 1, 1965	4	15	35	8	Fresh	D, S	
Grey Twp.											
Con I	" 30	F. Hayden	C. Keeso	June 21, 1967	4	15	17	15	"	D, S	Tough gravel sand silt 58; red soft shale 100; brown red streak soft rock 128. Water at 128.
Con III	" 5	K. Bray	G.L. Davidson	Aug. 3, 1966	4	20	42	12	"	S	Topsoil 4; blue clay 3; hardpan 80; gravelly hardpan 110; brown shale 118; brown limestone 148. Water from 145 to 148.
Con IV	" 2	J. Armstrong	"	Aug. 3, 1966	4	15	17	23	"	D, S	Topsoil 8; clay stones 8; brown loose shale 40; brown medium hard rock 97. Water at 97.
Con IV	" 5	G. Turnbull	C. Keeso	July 27, 1964	4	20	23	23	"	D, S	Topsoil 8; clay 11; sand gravel hardpan 36; brown shale 45; brown soft rock 94. Water at 94.
Con V	" 14	J. Fraser	"	Oct. 14, 1965	4	12	22	20	"	D, S	Topsoil 4; hardpan boulders 26; clay 50; sandy clay 63; sandy shale 96; sand 118. Water from 112 to 118.
											Dug well 26; clay gravel 63; brown shale 97; brown limestone 147. Water at 147.
Con VI	lot 31	J. Conley	G.L. Davidson	Jan. 4, 1964	4	12	20	17	Fresh	D, S	Topsoil 1; gravel 25; stones boulders gravel 31; stony hardpan 149; gravel sand 160; hardpan 229; brown soft shale 234; brown soft rock 261. Water at 261.
Con VI	" 35	N. Hanna	C. Keeso	Sep. 15, 1965	4	Flows		6	"	D, S	Topsoil 3; sandy clay 92; brown shale 128; brown limestone 189. Water at 189.
Con VII	" 22	S. Alexander	"	Sep. 15, 1964	4	14	27	24	"	D	Topsoil 5; hardpan 35; clay 60; sandy clay 78; shale 90; brown limestone 128. Water from 115 to 128.
Con VII	" 33	C. Kerr	G.L. Davidson	Jan. 13, 1967	4			Flows	"	S	Sand gravel 22; hardpan 92; brown clay stones 168; clay gravel 194; brown limestone soft 225. Water at 225.
Con VII	" 6	E. Bishop	C. Keeso	June 8, 1964	4	16	26	24	"	D, S	Dug well 30; clay 52; hardpan 70; sandy shale 84; dark brown limestone 178; white limestone 190. Water from 178 to 190.
Con VIII	" 12	J. Bishop	G.L. Davidson	Dec. 13, 1966	4	6	35	22	"	D, S	Topsoil 8; sand 6; sandy clay 28; hardpan 31; soft brown shale 36; brown medium hard limestone 49; blue brown medium soft limestone 172. Water from 150 to 172.
Con VIII	" 13	G. Pearson	C. Keeso	Sep. 28, 1964	4	15	29	27	"	D, S	Topsoil 3; clay 28; hardpan 60; sandy clay 87; shale 102; brown limestone 144. Water from 138 to 144.
Con VIII	" 24	M. Carnachn	"	June 8, 1967	4	12	17	14	"	D	Topsoil 4; gravelly clay 26; blue clay 50; sandy hardpan 60; sand 85; shale 90; brown limestone 121. Water from 116 to 121.
Con IX	" 22	Grey Twp School Area	"	Oct. 17, 1964	5	35	24	23	"	P	Topsoil 4; clay 60; sandy clay 80; shale 104; brown limestone 162. Water from 118 to 162.
Con IX	" 2	ms Ltd.	"	May 22, 1964	4	15	34	32	"	D, S	Topsoil 2; blue clay 30; sandy clay gravel 86; brown shale 128; brown limestone 192. Water at 192.
Con X	" 26	N. Teipstra	"	Nov. 17, 1964	4	15	32	32	"	D, S	Clay 68; brown shale 128; brown limestone red shale 162; brown limestone 192. Water at 192.
Con XIII	" 32	H. Krieger	"	May 23, 1967	4	18	14	12	"	D, S	Topsoil 4; blue clay 32; gravelly hardpan 60; brown shale 73; brown limestone 130; white limestone 140. Water from 130 to 140.
Con XVII	" 2	R. Bennett	G.L. Davidson	July 23, 1964	4	10	65	46	"	D, S	Brown clay stones 23; hardpan 27; clay brown blue 62; stony hardpan 65; brown soft shale 78; grey hard rock 107; hard buff rock 127. Water at 107 and 127.
Con XVII	" 2	R. Smalldon	"	May 18, 1967	4	5	75	60	"	D	Topsoil 8; sand gravel 4; clay 52; sand 58; clay stones 73; hardpan stones 101; grey hard rock 142; brown medium hard rock 172. Water at 142 and from 170 to 172.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *	
										(Depths to which formations extend below the surface are given in feet)	
EUSON COUNTY - cont. Hay Twp. - cont.	Con I	lot 15									
	Con I	W. Rowellife	Nov. 23, 1966	36	1 1/2	40	20	Fresh	D,S	Brown clay 17; gravel 18; blue clay sand streaks 46. Water at 20.	
	Con I	"	Nov. 5, 1964	36	3	20	30	"	D	Brown clay 20; sandy clay 45. Water at 45.	
	Con I	K. Pollock	July 23, 1965	36	40	24	18	"	D	Brown clay stone 10; blue clay 20; gravel 26. Water at 20.	
	Con I	C. Payne	Sept. 7, 1964	36	1	40	34	"	D	Brown clay 8; gravel 10; blue clay 34; sand 36; blue clay 41. Water at 8 and 34.	
	Con I	H. Hyde	Nov. 5, 1964	30	10	22	22	"	D,S	Brown clay 8; blue clay 20; gravel 24. Water at 22.	
	Con I	H. Elliott	June 23, 1967	5	10	255	250	"	D,S	Fill top clay 8; blue clay 29; clay stones 120; hardpan 216; brown limestone 260; light brown limestone 300. Water from 260 to 300.	
	Con I	M. Verlinde	Sept. 7, 1967	36	1 1/2	25	22	"	D	Brown clay 15; blue clay 30; quicksand 38. Water at 32.	
	Con I	W. Diokert	Sept. 7, 1967	36	7 1/2	12	6	"	D,S	Brown clay 8; sandy clay 12; blue clay 17. Water at 17.	
	Con VI	T. Reid	Aug. 1, 1967	36	1	40	36	"	D,S	Brown clay 15; blue clay 36; fine sand 50. Water at 36.	
Con IX	Con VI	J. Love	July 22, 1964	4	10	264	262	"	D,S	Clay 47; sand 94; clay sand 160; hardpan limestone 175; brown limestone 240; grey limestone 302. Water from 262 to 302.	
	Con IX	J. Batlier	Mar. 15, 1966	4	12	14	8	"	D	Till 35; hardpan 46; brown shale 52; soft brown rock 80. Water at 80.	
	Con X	E. Beck	Nov. 23, 1965	5	8	253	253	"	D	Hardpan 15; blue clay 100; clay sand 175; clay boulders rock 212; limestone 283; buff coloured limestone 307. Water at 295.	
	Con X	W. Brown	Oct. 12, 1964	4	8	260	256	"	D	Clay 20; clay stones 47; hardpan 80; sand 94; hardpan 142; brown limestone 255; light brown limestone 289. Water from 256 to 289.	
	Con XI	L. GINGERICH	Feb. 28, 1964	4	6	271	269	"	D,S	Top clay 7; blue clay stones 97; sand 131; sandy clay 200; hardpan 208; brown limestone 270; white limestone 309. Water from 270 to 309.	
	Con XI	W. Corriveau	May 18, 1965	8	60	242	240	"	P	Yellow clay 15; blue clay stones 90; sand 115; blue clay 175; hardpan stones 211; caving rock 219; grey limestone 245; brown limestone 308. Water from 204 to 308.	
	Con XII	Blue Water Rest Home	Mar. 14, 1964	5	7	130	122	"	D	Topsoil yellow clay 20; blue clay 30; sand clay 45; blue clay 60; boulders 75; blue clay 113; loose limestone clay streaks 154; loose limestone 157. Water at 157.	
	Con XIV	T. Bedard	Jan. 23, 1964	4	9	98	97	"	D,S	Old cistern 6; top clay 20; blue clay 90; hardpan 107; shale 133; shale grey limestone 187. Water from 168 to 187.	
	Con V	D. Ducharme	July 19, 1967	4	10	84	80	"	D	Top clay 7; clay stones 35; blue clay 90; hardpan 123; brown limestone 142; light brown limestone 157. Water from 142 to 157.	
	Con XVI	T. Coeck	Sept. 4, 1967	4	10	70	65	"	D,S	Yellow clay 16; blue clay stones 68; hardpan 133; grey rock 177. Water at 177.	
LR	LR	B. Denomme	Oct. 31, 1964	5 1/2	15	42	41	"	D	Blue clay 44; stones 47; blue clay 78; stones hardpan 101; light brown limestone 145; light brown shale 164. Water from 145 to 164.	
	LR	Driftwood Club	Jan. 18, 1966	5	10	59	55	"	D	Topsoil 1; yellow clay 10; blue clay 72; hardpan 103; loose rock 107; brown limestone 145. Water from 130 to 145.	
	LR	P. Cantin	June 22, 1967	4	10	57	55	"	D	Yellow clay 7; blue clay 25; clay stones 32; blue clay 82; hardpan 108; grey limestone 147; brown limestone 162. Water from 147 to 162.	
	LR	A. Bourque									
	LR										
	LR										
	LR										
	LR										
	LR										
	LR										



HURON COUNTY - cont.  
Hay Twp. - cont.

LR	Lot 15	L. Forsythe	F. Jackson	Feb. 11, 1964	4	12	60	56	Fresh	D	Clay loam topsoil 2; hardpan grit 15; blue clay 70; clay boulder false rock 113; limestone black speck 128. Water at 120.
LR	" 15	H. Peaff	W. Hopper & Sons	June 2, 1965	4	10	60	54	"	D	Yellow clay 16; blue clay 68; blue clay boulders 95; hardpan 110; limestone 130. Water from 120 to 130.
LR	" 16	H. Vanderbergt	F. Jackson	July 2, 1965	4	9	75	70	"	D	Sand topsoil 5; hardpan 15; blue clay 80; clay grit false rock 145; buff colour rock 151. Water at 146.
LR	" 16	L. Cobleith	R. Hudson	June 4, 1966	36	1	25	6	"	D	Sand 6; blue clay 24; sand 25; blue clay 30. Water at 24.
LR	" 17	M. Murray	F. Jackson	Mar. 12, 1964	4	12	70	60	"	D	Clay topsoil 3; hardpan 15; blue clay 75; boulders clay 173; soft formation 141. Water at 136.
LR	" 17	J. Sokolowski	"	June 25, 1965	4	12	70	53	"	D	Clay topsoil 3; hardpan 15; blue clay 70; stones boulders grit 115; clay grit 121; limestone 145. Water at 140.
LR	" 18	E. Evans	W. Hopper	Sep. 10, 1964	4	8	58	55	"	D	Topsoil fill 1; yellow clay 10; blue clay 86; hardpan stones 120; bedrock 124; brown limestone 148. Water from 144 to 148.
LR	" 18	C. Masse	"	Sep. 15, 1964	4	10	55	50	"	D	Yellow clay 10; blue clay 80; hardpan 1. Water from 140 to 148.
LR	" 22	I. Snider	"	Sep. 15, 1967	4	10	55	45	"	D, S	Limestone 118; blue clay 80; hardpan 136; brown soft limestone 168. Water from 140 to 148.
LR	" 24	E. Hendrick	A. Heel	June 26, 1964	5	6	78	46	"	D	Yellow clay 16; blue clay 73; hardpan 136; brown soft limestone 168. Water from 180 to 198.
LR	" 24	"	W. Hopper	Oct. 6, 1967	4	10	75	60	"	D, S	Topsoil yellow clay 15; blue clay 63; gravel 68; blue clay 107; limestone 127. Water at 124.
LR	" 25	A. Hillary	"	Oct. 14, 1967	4	10	58	45	"	D	Blue clay 6; blue clay stones 105; hardpan 132; limestone 145. Water from 150 to 158.
LR	" 26	H. Barry	"	Sep. 29, 1966	4	8	50	50	"	D	Yellow clay 10; blue clay 90; hardpan 124; brown limestone 135. Water from 140 to 145.
NB	" 11	K. Love	R. Hudson	Aug. 4, 1964	36	10	20	25	"	D, S	Brown clay 15; blue clay 25; fine sand 41. Water at 25.
NB	" 20	M. Gingerich	W. Hopper & Sons	Feb. 14, 1964	4	7	288	285	"	D, S	Top clay 7; blue clay 89; sand 120; blue clay 178; sand 197; hardpan 227; brown limestone 285; white limestone 324. Water from 285 to 324.
SB	" 23	E. Bader	Hedco Well Digging Ltd.	July 9, 1964	30	2	27	18	"	D	Topsoil 6; brown clay 11; blue clay 24; sand 30. Water at 24.
Hensall Village											
		Hensall PUC	International Water Supply Co	Aug. 17, 1966	2			17		T 1-66	Topsoil 1; clay gravel 25; sand gravel 38; clay gravel 42.
		Hensall PUC	"	Aug. 18, 1966	2			17		T 2-66	Topsoil 1; clay gravel 26; sand gravel 34; clay gravel 45.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
Huron County - cont.										
Howick Twp.										
Con A	lot 25 W. Harrison	G.L. Davidson	Sep. 17, 1964	4	5	30	18	Fresh	D	Topsoil 1; clay 4; gravel stones 10; reddish brown shale 112. Water at 112.
Con A	" 25 W. Gallaher	C. Keeso	Oct. 26, 1965	4	10	22	20	"	D	Previously dug well 16; sandy clay gravel 86; brown shale 114; brown limestone 164. Water from 157 to 164.
Con A	" 26 B. Montgomery	"	Dec. 23, 1965	4	15	12	10	"	C	Dug well 21; clay 86; brown shale 98; brown limestone 155. Water at 135.
Con A	" 27 T. Leek	"	Apr. 19, 1966	4	18	9	8	"	D	Dug well 16; gravel 30; blue clay 70; sandy shale 82; brown limestone 110. Water from 105 to 110.
Con A	" 27 L. Geiger	E. Keeso	Nov. 4, 1966	4	13	19	14	"	D	Gravel stones 21; hardpan 8; gravel sand 94; brown shale 106; brown limestone 114. Water from 112 to 114.
Con A	" 28 W. Coulter	C. Keeso	Sep. 27, 1965	4	15	11	9	"	D	Topsoil 1; clay 31; gravel 50; brown shale 64; brown limestone 146. Water at 146.
Con A	" 31 R. Hayden	G.L. Davidson	Apr. 4, 1966	4	12	50	40	"	D, S	Sand gravel 7; hardpan stones 38; clay gravel streaks 58; hardpan stones 94; dark brown soft limestone 130. Water at 129.
Con B	" 25 A. Harrison	E. Keeso	Mar. 10, 1966	4	10½	17	14	"	S	Gravel stones 23; gravel hardpan 46; gravel 49; brown shale 51; brown limestone 121. Water from 115 to 121.
Con C	" 11 D. Reaman	G.L. Davidson	Oct. 20, 1965	4	10	50	44	"	S	Clay 1; rough gravel 40; hardpan stones 75; gravel stones 96; sand gravel boulders 168; fired clay 200; green shale 214; brown rock 242. Water at 242.
Con II	" 18 W. Elton	"	Dec. 4, 1967	4	5	45	8	"	D, S	Topsoil 1; sand 8; sand gravel clay 13; gravel 17; stony hardpan 33; brown hard limestone 54; brown very hard limestone 92; grey very hard limestone 112. Water at 112.
Con III	" 20 H. Rybicki	D. Keeso	May 20, 1964	4	14	18	12	"	D, S	Topsoil 4; clay 36; hardpan 59; sandy clay 78; shale 84; brown limestone 118. Water from 10 to 118.
Con IV	" 19 C. Martin	G.L. Davidson	Apr. 19, 1966	4	6	20	16	"	D, S	Topsoil 2; sandy clay 23; clay gravel stones 42; clay hardpan stones 56; grey very hard limestone 150; brown medium hard limestone 172. Water at 172.
Con V	" 28 B. Brears	C. Keeso	July 16, 1965	4	14	55	52	"	D, S	Topsoil 3; white clay 86; brown shale 128; brown limestone 169; white limestone 193. Water from 180 to 193.
Con VI	" 20 Shaefer & Cooper	Water Well Drlg.	July 16, 1964	4	15	10	flows	"	D	Topsoil 2; sand gravel 10; hardpan 38; brown limestone 95; grey limestone 112. Water at 108.
Con VI	" 22 C. Jacobson	E. Keeso	Oct. 28, 1965	4	18	40	22	"	D, S	Dug well 32; hard brown shale 59; hard brown limestone 130; yellow limestone 141. Water from 138 to 141.
Con VII	" 15 L. Siefert	C. Keeso	Dec. 6, 1967	4	15	25	24	"	D, S	Topsoil 5; hardpan 36; sandy clay 75; brown shale 83; brown hard rock 188; white limestone 195. Water from 110 to 195.
Con VII	" 20 W. Marimer	E. Keeso	July 16, 1964	4	15	12	11	"	C	Brown clay boulders 42; grey shale 66; hard grey limestone 121. Water from 110 to 121.
Con VII	" 20 J. Wegler	C. Keeso	June 17, 1966	4	15	23	21	"	D	Dug well 19; clay 30; hardpan 60; sandy clay 75; whitish shale 89; blue limestone 121. Water from 114 to 121.
Con VII	" 21 K. Stewart	G.L. Davidson	Aug. 11, 1967	4	10	35	15	"	D	Clay sand 11; sand gravel 13; stony hardpan 22; sand gravel 28; hardpan 39; loose grey rock 46; grey medium hard limestone 84. Water at 84.
Con VIII	" 5 W. Brown	E. Keeso	Nov. 8, 1965	4	14½	8	7	"	D	Hardpan stones 21; brown shale 43; brown hard limestone 71; softer brown white limestone 112. Water from 102 to 112.
Con VIII	" 5 C. Edgar	G.L. Davidson	Oct. 12, 1966	5	20	20	16	"	D	Dug well 7; gravel 19; loose rock 30; brown rock 80; white rock 113. Water at 113.
Con VIII	" 6 M. Edgar	E. Keeso	Dec. 11, 1965	4	15	17	15	"	D	Coarse gravel 14; fine sandy gravel 21; brown shale 36; hard brown limestone 89. Water from 84 to 89.

\* See end of Appendix C for the meanings of abbreviations and symbols.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*	
										(Depths to which formations entered below the surface are given in feet)	
HURON COUNTY - cont.											
Hullett Twp.											
Con I	lot 10 A.Vandendool	F.Jackson	July 28, 1964	4	6	283	283	Fresh	D	Clay fill 2; hardpan 15; blue clay grit stones 82; limestone 145; limestone buff coloured 304. Water at 35, 102 and 290.	
Con II	" 26 A.Nogolo	"	May 14, 1965	4	6	98	27	"	D	Subsoil 2; hardpan stones 30; clay grit 84; false rock 88; limestone 118. Water at 95.	
Con V	" 27 D.Farguher	G.L.Davidson	Dec. 8, 1964	4	5		225	"	D, S	Previously drilled well 235; soft brown rock 250. Water at 250.	
Con VI	" 28 M.Salverda	F.Jackson	Sep. 16, 1965	4	2	135	77	"	D	Clay topsoil 2; hardpan grit stones 12; clay gravel boulders 87; limestone 148. Water at 140.	
Con VII	" 5 H.Armstrong	W.Hopper & Sons	Nov. 17, 1966	4	10	39	35	"	D, S	Yellow clay 10; blue clay 45; hardpan 88; loose rock 91; brown limestone 150. Water from 125 to 150.	
Con VII	" 28 R.Gibbings	G.L.Davidson	Apr. 4, 1966	4	5	90	77	"	D, S	Topsoil 1; sandy loam clay 25; gravel 43; gravel hardpan 60; gravel 78; hardpan clay stones 107; brown medium hard rock 123; brown medium soft rock 157. Water at 142 and 157.	
Con VIII	" 11 W.Hoggart	W.Hopper & Sons	Mar. 24, 1965	4	20	16	14	"	D, S	Brown clay 22; hardpan 46; gravel 49; brown limestone 130. Water at 115 and 130.	
Con VIII	" 22 N.Cartwright	"	Nov. 1, 1966	5	13	80	78 1/2	"	D, S	Top clay 5; sand 45; clay stones 72; cemented gravel 82; light brown limestone 123. Water from 110 to 123.	
Con IX	" 22 J.A.Shepherd	G.L.Davidson	Aug. 18, 1965	4	10	73	63	"	S	Topsoil 1; gravel sand boulders 12; clay sand stones 37; gravel sand 41; stony hardpan 52; grey hard rock 65; brown medium rock 80; soft brown rock 108; hard brown rock 112. Water at 112.	
Con X	" 24 L.Reid	"	June 27, 1966	4	12	46	43	"	D	Clay 11; hardpan 16; gravel 26; hardpan 47; loose rock 54; grey rock 96. Water at 96.	
Con X	" 25 Hullett Twp. School area Board	"	Dec. 7, 1965	6	40	70	45	"	P	Red clay gravel 15; stony hardpan 20; sand 30; broken rock sand 59; brown hard rock 118; brown soft rock 120; brown medium rock 146. Water at 146.	
Con X	" 26 J.B.Taylor	"	May 17, 1966	4	10	65	58	"	D	Topsoil 1; clay 7; sand clay 17; stones loose gravel 28; hardpan 43; very hard brown limestone 78; brown red shale soft limestone 110. Water at 110.	
Con X	" 28 C.Vincent	"	Nov. 1, 1967	4	6	99	98	"	D	Topsoil 1; brown clay 24; gravel 56; gravel hardpan 69; stony hardpan 84; brown medium hard limestone 130; brown medium soft limestone 158. Water at 158.	
Con XI	" 7 W.Trewin	W.Hopper & Sons	July 27, 1967	5	10	45	35	"	D, S	Yellow clay stones 30; blue clay stones 48; gravel 52; hardpan 54; brown rock 120. Water at 120.	
Con XI	" 21 D.McNail	"	Aug. 3, 1964	4	10	64	58	"	S	Yellow clay 3; blue clay 60; hardpan 108; grey rock 160. Water at 160.	
Con XIII	" 30 G.Hewatt	G.L.Davidson	Dec. 18, 1967	5	10	76	76	"	D, S	Clay sand 30; sand gravel 38; hardpan 48; gravel sand stones 74; brown soft shale 84; brown hard rock 102; brown medium hard rock 148. Water at 148.	
Con XIII	" 31 J.Verburg	F.Jackson	Oct. 1, 1964	4	5	67	42	"	D	Gravel topsoil 15; blue clay 40; blue clay grit 54; limestone rock black speck 67. Water at 58.	
Con XIII	" 35 H.Hunking	G.L.Davidson	Jan. 6, 1965	4	6 1/2	100	70	"	D, S	Blue clay 37; sand 50; hardpan 70; sand 90; hardpan stones 147; brown medium hard rock 175. Water at 175.	
Con XIV	" 20 J.Shepherd	"	Aug. 5, 1966	4	10	72	72	"	S	Sandy clay stones 18; sand gravel 21; hardpan 34; stony hardpan gravel 89; stony hardpan boulders 140; brown medium hard limestone 154; brown soft limestone 160. Water at 160.	
Con XIV	" 23 F.Elliott	"	Aug. 7, 1964	4	7	105	85	"	D	Sand 18; sandy clay stones 31; sand gravel 63; stony hardpan 96; gravelly hardpan 129; stony hardpan 179; brown limestone 214; light brown soft limestone 232. Water at 214 and 232.	

HURON COUNTY - - cont. Bullett Twp. - - cont. Con XIV	North & South Road	7	H. Gross	G.L. Davidson	May 6, 1966	4	40	105	33	Fresh	D, S	Topsoil 1; clay 4; sand gravel 8; coarse gravel 34; hardpan 40; gravel hardpan stones 68; grey hard rock 73; brown hard rock 124. Water at 124. Gravel 15; sand 20; gravel 30; clay 48; sand 51; clay 62; shale 80; rock 104. Water at 104.
McKillop Con I	Twp.	lot 1	F. Bruxer	C. Keeso	June 4, 1964	4	18	40	36	Fresh	D	Topsoil 2; white clay 50; brown shale 88; brown limestone 200. Water from 160 to 200.
		" 5	F. Kelly	F. Jackson	July 1, 1964	4	10	85	22	"	D	Black topsoil 2; hardpan 15; clay grit 75; flase rock 85; limestone 105. Water at 90.
		" 8	D. Cronin	W. Hopper & Sons	June 11, 1967	4	6	55	45	"	D	Topsoil 1; yellow clay 10; blue clay 25; dirty clay 30; hardpan 71; rock 74; hard grey limestone 120; yellow limestone 150. Water from 10 to 150.
		" 9	RCS #2	F. Jackson & Son	June 1, 1966	5	25	75	24	"	P	Sand gravel 15; blue clay boulders 68; grey limestone 127; red white rock 157. Water at 75 and 146.
		" 10	T. VanBakel	"	July 10, 1964	4	12	22	22	"	D	Clay fill; hardpan 15; blue clay grit stones 69; false rock 71; limestone buff coloured 77. Water at 30 and 73.
		" 10	J. Lane	W. Hopper & Sons	May 14, 1965	4	8	20	10	"	D	Yellow clay 10; blue clay 40; hardpan 56; loose rock 61; hard grey limestone 101. Water from 90 to 100.
		" 17	J. Maloney	"	Oct. 13, 1967	4	7	25	6	"	D	Top clay 6; clay stones 25; dark brown limestone 97; light brown limestone 130; grey limestone 150. Water from 100 to 150.
		" 23	B. Smith	"	Mar. 31, 1966	4	9	37	32	"	D	Pug well 21; hardpan 28; loose rock 32; brown limestone 73. Water from 65 to 75.
		" 6	M. Claessens	C. Keeso	July 30, 1964	4	15	42	41	"	D, S	Pug well 30; hardpan gravel 99; brown shale 140; brown limestone shale 200; brown limestone 220. Water at 210 and 220.
		" 27	F. C. Leman	W. Hopper & Sons	Nov. 25, 1965	4	10	30	16	"	S	Yellow clay 14; gravel 46; grey rock 102. Water from 70 to 102.
		" 4	P. Gilvin	F. Jackson	Nov. 12, 1964	4	12	35	23	"	S	Fill stone 2; hard clay stones 10; gravel clay 25; blue clay grit 117; limestone black specks 121. Water at 119.
		" 4	C. Maloney	"	Jan. 4, 1964	4	12	30	27	"	D	Clay loam 3; hardpan 30; clay false rock 102; buff coloured rock 117. Water at 110.
		" 26	T. A. L.	W. Hopper & Sons	Oct. 7, 1967	5	10	15	3	"	S	Topsoil 1; yellow clay 8; hardpan 48; loose rock 52; hard grey limestone 80; brown limestone 115. Water from 95 to 115.
		" 2	J. Ryan	F. Jackson & Son	Jan. 10, 1964	4	12	50	32	"	D	Clay loam 5; hardpan 30; boulders clay false rock 93; limestone 108. Water at 100.
		" 18	W. Drager	W. Hopper & Sons	May 5, 1967	4	10	8	2	"	D, S	Topsoil 1; yellow clay 12; hardpan 30; brown limestone 40; hard brown limestone 70; soft brown limestone 105. Water from 90 to 105.
		" 6	J. Cronin	F. Jackson	Nov. 14, 1964	4	12	60	41	"	D	Fill 5; hardpan 20; blue clay grit 95; false brown rock 110. Water at 110.
		" 1	W. Bennetwies	"	Dec. 22, 1964	4	12	60	41	"	D, S	Clay topsoil 2; hardpan grit 15; clay boulders grit 80; limestone 13. Water at 125.
		" 19	B. Campbell	W. Hopper & Sons	Aug. 25, 1965	6	10	11	10	"	D, S	Sand 8; yellow clay 26; clay stones 85; hardpan 118; brown rock 164. Water from 150 to 164.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. McKillop Twp. - cont. Con Vill lot 20	R.Regele	W.Hopper & Sons	July 12, 1965	4	70	12	8	Fresh	D,S	Topsoil 1; yellow clay 10; blue clay 20; stony hardpan 70; gravel 75; hardpan 101; hard grey limestone 150. Water from 140 to 150.
Con Vill " 26	McKillop Twp. Hall	C.Keeso	June 25, 1965	4	Flows		Flows	Sulphur	P	Sand gravel 107; brown shale 117; hard brown limestone 152. Water at 152.
Con XIII " 23	J.Bosman	W.Hopper & Sons	Mar. 15, 1964	4	12	28	22	Fresh	D,S	Top clay 4; clay stones 36; blue clay 70; hardpan stones 92; brown limestone 137; white limestone 138. Water from 137 to 158.
Con XIV " 11	G.Corlett	G.L.Davidson	July 27, 1964	4	10	25	22	"	D,S	Topsoil 1; brown clay 34; gravel 41; stony hardpan 68; gravel 70; grey soft shale 76; brown hard rock 81; grey soft rock 85. Water at 85.
Con XIV " 17	G.Williamson	C.Keeso	July 17, 1964	4	14	25	22	"	D,S	Dug well 18; blue clay 48; sandy clay 70; shale 82; white limestone 140. Water from 130 to 140.
Con XIV " 18	G.Williamson	"	June 20, 1964	4	16	25	22	"	D,S	Dug well 20; clay 41; sandy clay 50; shale 64; hard brown rock 130; rock. Water from 120 to 130.
Morris Twp. Con I lot 1	C.Wood	G.L.Davidson	June 9, 1967	4	12	15	7	Fresh	D	Topsoil 1; sand 16; gravel 19; hardpan gravel 37; loose shale 49; light brown soft rock 78; brown hard rock 96. Water at 26.
Con I " 48	J.Shaw	"	Dec. 13, 1966	4	16	10	Flows	"	D,S	Clay gravel stones 12; hardpan stones 28; brown soft shale 48; brown soft rock 67. Water at 67.
Con I " 49	N.Moffatt	"	Dec. 15, 1966	4	12	10	3	"	D,S	Clay Gravel stones 8; hardpan 32; clay sand 52; brown soft shale 73; brown soft limestone 107. Water at 107.
Con II " 8	W.Elston	"	July 25, 1966	4	8	40	16	"	D,S	Gravel 20; hardpan 55; gravel sand 70; hardpan stones 141; brown rock 194. Water from 170 to 194.
Con II " 60	W.King Sr.	"	Aug. 11, 1965	4	12	22	18	"	D,S	Topsoil 1; clay gravel 12; quicksand 15; sand coarse gravel 29; brown shale 42; layers dark light brown rock 67. Water at 67.
Con II " 3	W.A.Coultes	"	Sep. 8, 1965	4	12	55	48	"	D,S	Topsoil 1; brown clay 7; stony hardpan 29; brown soft shale 40; medium brown soft rock 73; medium soft blue rock 80; brown soft rock 127. Water at 127.
Con III " 16	P.Dorsch	C.Keeso	Aug. 16, 1964	4	14	23	22	"	D,S	Dug well 8; hardpan 58; sandy clay 60; clay 95; shale 110; white limestone 145. Water from 136 to 145.
Con IV " 1	L.Vannan	G.L.Davidson	Mar. 10, 1964	4	12	22	8	"	D	Fill 2; clay 4; sand gravel stones 28; stony hardpan 37; sandy gravel 43; brown shale 58; brown rock 93. Water at 93.
Con IV " 10	S.Proctor	"	July 17, 1967	4	9	58	38	"	D,S	Topsoil 1; sandy clay stones 17; hardpan stones 44; sand gravel streaks stones 62; stony hardpan 79; shale stones 85; brown medium hard limestone 122. Water at 122.
Con VII " 9	T.&B. Kelly	"	June 12, 1964	4	11	18	16	"	D,S	Sandy clay 14; clay stones 27; hardpan 43; shale 70; brown hard rock 124. Water at 124.
Con VII " 9	J.Spivey	"	Sep. 11, 1967	4	10	45	42	"	D,S	Hardpan 16; quicksand 34; sand gravel 46; hardpan stones 82; brown shale 86; dark brown rock 141. Water at 141.
Con VIII " 3	H.Thelan	"	Sep. 20, 1966	5	15	67	65	"	D,S	Clay stones 26; gravel sand 31; stony hardpan 101; brown hard rock 135; brown medium hard rock 157. Water at 157.



HURON COUNTY - cont. Morris Twp. - cont. Con VIII lot 9	J. Craig	G.L. Davidson	Aug. 25, 1967	4	15	14	12	Fresh	S	Clay sand 12; hardpn 32; brown soft shale 58; dark brown medium hard limestone 132. Water from 125 to 132.
Con VIII " 29	G. Blake	C. Keeso	Aug. 13, 1965	4	18	63	59	"	D, S	Topsoil 3; sandy clay 68; sand gravel 124; brown shale 137; brown 215. Water from 190 to 215.
Con IX " 4	P. Hessels	"	Aug. 26, 1965	4	15	39	31	"	D, S	Dug well 26; clay 56; brown shale 96; brown limestone 142; blue limestone 186. Water at 186.
Con X " 19	A. Searle	J. Nichols	Mar. 23, 1966	5	10	50	32	"	D, S	Dark clay loam 6; sandy clay gravel 50; gravel boulders 70; gravel clay 80; brown limestone 123. Water from 12 to 80 and from 92 to 104.
Con X " 25	W. Shortreed	W. Hopper & Sons	Aug. 8, 1961	4	10	20	18½	"	D, S	Clay fill 9; sand 20; stony hardpn 54; grey limestone 87. Water from 80 to 87.
Con X " 30	G. Hibbert	C. Keeso	July 23, 1965	4	18	9	9	"	D	Dug well 16; clay hardpn 56; brown shale 72; brown limestone 109. Water at 109.
Stanley Twp. Bayfield Townsite	J. Houey	F. Jackson	Apr. 23, 1964	4	18	45	45	Fresh	D	Clay loam 4; sand gravel 20; blue clay 115; false rock 118; limestone 131. Water at 120.
Bayfield Townsite	P. Adams	"	Apr. 29, 1964	4	18	35	35	"	D	Sandy loam 2; sand 15; blue clay 110; false rock 119; limestone 128. Water at 120.
Bayfield Townsite	L. Bannister	W. Hopper & Sons	May 18, 1964	4	10	24	18	"	P	Blue clay 86; hardpn 123; brown limestone 146. Water at 146.
Bayfield Townsite	M. & E. Robinson	F. Jackson	May 29, 1964	4	12	40	40	"	C	Black subsoil 2; sand 25; blue clay grit 115; limestone 129. Water at 19 and 120.
Bayfield Townsite	M. Wernier	"	June 17, 1964	4	12	60	40	"	D	Clay fill 1; sand gravel 20; blue clay grit 105; false rock 113; limestone 129. Water at 115.
BNH lot 22	G. Webster	G.L. Davidson	Apr. 17, 1967	5	5	200	199	"	D, S	Topsoil 8; sand 3; clay stones 45; sand 73; clay sand stones 107; stony hardpn 120; brown hard rock 152; brown soft caving rock 156; hard rock 185; hard medium brown rock 209. Water at 209.
Con I lot 1	B. Coleman	R. Hudson	Dec. 1, 1964	36	1	24	20	"	D, S	Brown clay 20; quicksand 27; gravel clay 29. Water at 27.
Con I " 2	R. Faber	F. Jackson	June 28, 1965	5	4½	10	8	"	D, S	Clay topsoil 2; hardpn 10; blue clay 31; gravel boulders 54; limestone 63. Water at 60.
Con I " 11	Proposed District School akersmith & ey Twp.	W. Hopper & Sons	June 14, 1965	6½	20	225	220	"	P	Topsoil 1; yellow clay 12; hardpn 72; loose rock 76; hard grey limestone 170; brown limestone 220; brown limestone 305. Water from 270 to 305.
Con I " 20	W. Crease	F. Jackson	Oct. 30, 1964	4	6	219	219	"	D	Hardpn stones 5; blue clay grit 65; gravel sand 93; gravel hard clay 105; rock black specks 106; buff colour limestone 240. Water at 230.
Con I " 20	W. Tonkins	R. Hudson	May 25, 1967	4	6	231	223	Fresh	D	Blue clay big stone 40. Dry hole.
Con I " 20	"	W. Hopper & Sons	July 27, 1967	4	6	231	223	"	D	Yellow clay 30; clay stones 72; hardpn 103; brown rock 250. Water at 250.
Con II " 4	A. Johnson	P. Jackson	Dec. 23, 1964	4	12	206	206	"	D	Black loam 2; hardpn stones 15; blue clay grit 45; blue clay boulders 65; orange rock 207; hard limestone rock 226. Water at 203.
Con II " 13	L. Davidson	"	Sep. 5, 1964	4	5	85	65	"	D, S	Clay 12; sand clay 80; clay grit false rock 82; limestone 95. Water at 85.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
HURON COUNTY - cont. Stanley Twp.-cont.										
Con II lot 15	D.Bathwell	F.Jackson	Feb.21,1964	4	12	86	86	Fresh	D	Clay fill topsoil 2;hardpan 15;clay sand 65;clay grit 100; sandstone 166. Water at 100.
Con II "	R.Cantelon	Hopper Well Drlg.	Dec.23,1967	4	7 1/2	216	214	"	D,S	Top clay;clay stones 22;gravel 55;hardpan 60;white lime-stone 69;light brown limestone 243. Water from 214 to 243.
Con III "	A.McBeath	F.Jackson	Apr.18,1964	4	7	202	202	"	D	Loam fill 5;clay stones 55;clay grit false rock 91;rock 200; limestone rock black specks 217. Water at 200.
Con III "	L.Veane	Hadco Well Digging Ltd.	July30,1964	30	2	29	10	"	S	Topsoil 1;brown clay stones 9;brown coarse sand 25;blue clay 26;brown hardpan sand 29. Water at 10.
Con IV "	J.Imanse	R.Hudson	Dec. 3,1965	36	4	30	23	"	D,S	Topsoil 2;fine sand 20;blue clay sand streaks 35;blue clay.
Con V "	A.Bowtree	"	May 16,1966	36	2	18	10	"	D	Water at 30;gravel 12;hard blue clay big stones 20. Water at 10.
Con VI "	A.Pepper	"	May12, 1965	36	10	20	16	"	D,S	Brown clay 15;sand 32. Water at 15.
LRE "	N. Overholt	W.Hopper & Sons	June29,1967	4	10	55	53	"	D,S	Top clay 7;blue clay 90;hardpan 120;clay stones 168;gravel 194;shale 206;brown limestone 216. Water from 206 to 216.
LRE "	A. Bau	"	Jan.27,1966	4	10	52	50	"	D,S	Yellow clay 12;blue clay 108;hardpan 134;loose rock 138; brown limestone 175. Water from 160 to 175.
LRE "	R. Snider	P. Jackson	June 1,1964	4	12	50	41	"	D	Clay fill 2;hardpan 15;blue clay 110;clay grit false rock 130;limestone 142. Water at 135.
LRE "	A. Smeraki	W.Hopper & Sons	Aug.30,1965	4	8	60	55	"	D	Fill 2;yellow clay 14;blue clay 100;hardpan 125;loose lime-stone 132;brown limestone 170. Water from 160 to 170.
LEW "	H. Schneeman	P. Jackson	June 5,1964	4	12	70	40	"	D	Clay topsoil 2;hardpan 15;blue clay 80;clay boulders false rock 141;limestone 149. Water at 146.
LRW "	R.Grainger	F.Jackson	June12,1964	5	27	25	2	"	D	Clay topsoil 2;hardpan 15;blue clay grit 95;false rock 100; limestone 160. Water at 106, 140 and 158.
LRW "	Snowden Acres Ltd.	Hopper Well Drlg.	July31,1967	5	50	9	Flows	"	C	Big clay stones 27;blue clay 65;hardpan 80;blue clay 109; clay stones 115;dark brown limestone 130;light brown lime-stone 145;dark brown limestone 165. Water from 145 to 165.
LRW "	C.Bau	"	Jan.31,1967	4	6	90	36	"	D,S	Yellow clay 16;blue clay stones 80;hardpan 126;brown rock 175. Water from 150 to 175.
LRW "	J.Fitzsimons	"	June 7,1965	4	10	38	30	"	D	Yellow clay 14;blue clay 68;hardpan 108;rock 148. Water from 135 to 148.
LRW "	B.McDougall	W.Hopper & Sons	July12,1965	4	10	32	37	"	D	Yellow clay 16;blue clay-stones 85;hardpan 113;brown rock 148. Water at 145.
LRW "	A.Zawacki	"	May 20,1967	4	10	32	30	"	D	Yellow clay 10;blue clay 85;hardpan 106;loose rock 112;brown limestone 150. Water from 135 to 150.
LRW "	Dr.B. Blakeny	"	Aug.20,1966	4	10	28	15	"	D	Yellow clay 14;blue clay 86;hardpan 110;brown rock 160. Water from 145 to 160.
LRW "	E.Ringer	"	June19,1967	4	14	52	48	"	D	Top clay 5;blue clay 80;blue clay stone 106;light brown limestone 150. Water from 130 to 145.
LRW "	S.Kaminski	"	July14,1967	4	15	22	17	"	D	Yellow clay 8;blue clay 68;hardpan 107;grey limestone 160. Water at 160.
LRW "	L.Cook	P.Jackson	May 6, 1965	4	7	60	44	"	D	Hardpan 12;blue clay boulders 131;hard limestone 160. Water at 150 and 160.
LRW "	J.Sobieski	W.Hopper & Sons	Aug. 4,1965	4	9	50	45	"	D	Topsoil 1;yellow clay 10;blue clay 98; hardpan 124;brown limestone 160. Water from 150 to 160.

EURON COUNTY - cont.  
Stanley Twp. - cont.

HURON COUNTY - cont.													
Stanley LEW	Twp. - lot 24	cont.											
LEW	"	24	T. Sease	P. Jackson	Aug. 8, 1964	4	12	81	45	Fresh	D	Clay loam 2; blue clay 75; boulders clay 135; limestone 151. Water at 145.	
LEW	"	24	D. Shircliffe	"	June 11, 1965	4	13	55	45	"	D	Clay topsoil 2; hardpan 15; blue clay 40; clay boulders stone 138; false rock 165. Water at 138 and 162.	
LEW	"	24	Buckley & Baker	W. Hopper & Sons	Mar. 18, 1966	4	10	64	60	"	D	Topsoil yellow clay 10; blue clay 105; hardpan 134; loose rock 139; brown limestone 170. Water from 160 to 170.	
SB	"	30	B. Vadden	"	May 21, 1965	4	10	74	67	"	C	Yellow clay stones 16; blue clay 78; hardpan 124; brown rock 165. Water from 150 to 165.	
SB	"	36	D. Woodburn	R. Hudson	Aug. 29, 1966	36						Brown clay 19; blue clay 30. Dry hole.	
Stephen Twp.													
Con A	lot 1		E. Desjardine	A. A. Beal	June 18, 1964	4	1	3	84	37	Sulphur	D	Yellow topsoil 15; blue clay 11; boulders 112; loose lime-stone medium streaks 114; limestone 123. Water at 123.
Con I	"		Dashwood Planing Mill	Hadco Well Digging Ltd.	Sep. 3, 1964	30	7	50	30	Fresh	In	Topsoil 1; sandy brown clay 13; blue clay 35; sand 41; blue clay 43; gravel 46; blue clay 54; gravel rocks 52. Water at 35, 43 and 51.	
Con I	"	2	"	"	Aug. 31, 1964	5 1/2	2	60	50	"	N	Clay rock 37; sand 40; clay rock 55; bedrock 140; soft rock 150. Water from 40 to 55.	
Con I	"	3	G. Oliah	Banes Drilg. Co.	Sep. 10, 1964	36	10	39	34	"	D	Brown clay 10; grey clay 25; sandy grey clay stones 35; fine brown sand 39. Water at 35.	
Con I	"	5	Centralia Faith Tabernacle	R. Hudson	Nov. 27, 1964	36	3	26	25	"	P	Brown clay 25; gravel 28; blue clay big stones 31. Water at 35.	
Con I	"	5	E. Dixon	"	Sep. 8, 1965	36	8	40	34	"	D	Brown clay 15; blue clay big stones 41; sand 42. Water at 41.	
Con I	"	5	K. Greb	"	Dec. 14, 1967	36	3	35	28	"	D	Bored well 13; sandy clay 20; clay 28; dirty gravel sand boulders 65; hardpan streaks limestone 72; hard brown limestone 83; hard brown limestone 88. Water from 83 to 87.	
Con V	"	18	H. Brand	E. Hussey	Aug. 17, 1964	4	3 1/2	72	62	"	D, S	Topsoil 1; yellow clay 10; blue clay 95; hardpan 120; loose rock 122; brown limestone 135. Water from 130 to 135.	
Con VI	"	11	E. Martin	W. Hopper & Sons	Dec. 10, 1965	4	7	112	108	"	D	Top clay sand 14; blue clay 68; hardpan 89; hardpan stones 108; hard brown limestone 129. Water from 115 to 128.	
Con VI	"	11	roctor	"	Sep. 15, 1964	4	10	87	86	"	D	Yellow clay 10; blue clay 75; hardpan 100; brown limestone 127. Water from 120 to 127.	
Con VI	"	11	C. Radford	"	Sep. 17, 1965	4	8	85	70	"	D	Blue clay 67; stones 127. Water at 125 and 135.	
Con VI	"	11	Twp of Stephen	"	Sep. 25, 1967	4	8	110	100	Sulphur	P	Topsoil 2; yellow clay 12; blue clay 95; stony hardpan 120; loose rock 122; brown limestone 135. Water from 125 to 135.	
Con VI	"	14	E. Pfaff	"	Dec. 18, 1965	4	8	102	100	Fresh	D, S	Yellow clay 16; blue clay 86; hardpan 113; grey rock 147. Water from 135 to 147.	
Con VI	"	16	S. Schenk	"	Oct. 2, 1967	4	4	130	95	"	D, S	Clay 20; blue clay 89; sand 108; hardpan 146; stones 150; brown limestone 264; white limestone 300. Water at 156 and from 263 to 300.	
Con VII	"	4	N. Lampport	"	Jan. 6, 1965	4	8	265	263	"	D		

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST 6 P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which functions started below the surface are given in feet)
Huron County - cont.										
Stephen Twp. - cont.										
Con VII lot 9	P. Schenk	Hopper Well Drlg.	July 8, 1967	4	12	97	95	Fresh	D, S	Top clay 9; blue clay 67; clay stones 120; gravel 127; light brown limestone 138. Water from 127 to 138.
Con VII	J. Averill	E.B. Hussey	May 1, 1964	4	8	120	118	"	C	Yellow clay 60; silty clay 60; mild hardpan 98; sand fine gravel 102; hardpan limestone streaks boulders 127; brown limestone 136. Water at 132.
Con VII	C. Brock	W.D. Hopper & Sons	Dec. 4, 1964	4	8	242	240	"	D	Clay stones 29; clay 55; sand 96; hardpan 107; grey limestone 124; yellow brown limestone 124; light brown limestone 268. Water from 240 to 268.
Con VIII	Martens Constr.	Hadco Well Digging Ltd.	June 3, 1966	30	5	60	28	"	D	Brown clay 2; blue clay 51; brown sand 53; blue clay 55; brown sand 60. Water at 58.
Con IX	W. Geiser	W. Dale Well Drlg.	Feb. 4, 1964	5	12	95½	88	"	D, S	Brown clay 114; shattered limestone 116; brown limestone 130. Water from 125 to 130.
Con X	Stephen Twp. Central Public School	A. Heal	Apr. 13, 1965	6½	20	226	226	Sulphur	P	Topsoil yellow clay 15; blue clay 96; boulders 98; clay 108; boulders 110; clay 115; hard limestone 183; soft grey limestone 244. Water from 240 to 243.
Con XI	J. Leye	W. Hopper & Sons	Oct. 21, 1966	4	5	225	225	"	D	Topsoil light yellow clay 12; blue clay 115; hardpan 122; rock 125; hard brown limestone 165; soft brown limestone 240. Water from 225 to 240. Dry hole.
Con XI	J. Leye	R. Hudson	Aug. 10, 1966	26			24	Fresh	D, S	Blue clay 20. Dry hole.
Con XII	Exeter Produce & Supply Ltd.	Hadco Well Digging Ltd.	Aug. 30, 1965	30	2					Brown clay 12; grey clay 24; brown sand 28; grey clay 48. Water at 24.
Con XII			Aug. 27, 1965					"	C	Brown clay 10; grey brown clay 60. Dry hole.
Con XVI	Imperial Oil	C. M.H. Kerr	May 20, 1965	5½	12	100	80			Fill 6; blue clay 34; blue limestone 106. Water at 104.
Con A	Pergusfurth & Sons Ltd.	Hopper Well Drlg.	July 24, 1967	5	13	54	52	Sulphur	D, S	Blue clay 50; hardpan 55; blue clay 90; grey limestone 130; brown limestone 155; light grey limestone 186. Water from 125 to 180.
NE	S. Holubowicz	Hadco Waterwell Drlg. Co. Ltd.	Mar. 9, 1965	5½	6	180	175	Sulphur	P	Sand clay 10; sand 14; clay 112; bedrock 185; soft rock 188; broken rock 198. Water from 185 to 198.
NB	C. Miller	W.D. Hopper & Sons	Sep. 5, 1964	5	10	106	105	Fresh	D, S	Top clay sand 6; blue clay 87; hardpan 99; grey limestone 148; brown limestone 168. Water from 155 to 168.
SB	W. Bullock	A. Heal	Dec. 24, 1966	4	2		64	Sulphur	D, S	Yellow topsoil 15; blue clay 126; grey limestone 134. Water at 129.
Tuckersmith Twp.										
Huron Road Survey										
Con I lot 13	V. Graham	W. Hopper & Sons	May 20, 1967	4	10	19	17	Fresh	D	Top clay 7; clay stones 40; grey limestone 87; light brown limestone 106. Water from 87 to 106.
Con I	J. Boyce	"	Jan. 21, 1964	4	8	70	62	"	D	Yellow clay stones 26; blue clay stones 36; hardpan 54; gravel 58; grey rock 135. Water at 135.
Con I	Harriston Fertilizer	"	June 5, 1964	4	10	93	88	"	C	Yellow clay 12; sandy clay 44; stones clay 86; gravel 93; grey limestone 123. Water at 123.
Con II	H. Ball	Hadco Well Digging Ltd.	May 20, 1964	27½	½		12	"	D	Topsoil 1; brown clay 9; brown sand 11; blue clay stones 19; blue sand stones 24. Water at 19.
Con II	J. McIntosh	Hopper Well Drilling	Aug. 3, 1967	5	10	43	38	"	D, S	Yellow clay stones 28; hardpan 58; brown rock 115. Water from 100 to 115.

HURON COUNTY - cont.  
Tuckersmith Twp. - cont.  
Huron Road Survey - cont.  
Con II lot 22 T.R.Coleman

Con II	"	36 E. O'Brien	F. Jackson	Aug. 24, 1965	5	2	55	28	Fresh	D	Sandy topsoil 10; clay 15; clay sand gravel 60; galese rock gravel 70. Water at 62. Clay loam 2; clay sand 65; clay grit 108; limestone 122. Water at 115.
Con III	"	9 H. Chesney	W. Hopper & Sons	Sep. 5, 1964	4	4	99	98	"	D	Clay stones 37; brown limestone 97; light brown limestone 137. Fill limestone 102. Water from 98 to 102.
Con III	"	14 C. Stever	"	Sep. 20, 1967	4	8	43	33	"	D	Fill liyellow clay 10; blue clay 30; hardpan 54; loose rock 58; grey limestone 102. Water from 98 to 102.
Con III	"	28 S. Johns	G. Davidson	June 15, 1966	5	12	77	71	"	D, S	Topsoil 4; brown clay 14; blue clay 36; sand 102. Hardpan stones 86; grey brown medium hard limestone 112. Water at 112.
Con XII	"	3 A. Visscher	W. Hopper & Sons	Aug. 16, 1966	5	7	318	314	"	D, S	Yellow clay 12; blue clay stones 62; hardpan 89; brown limestone 312; grey rock 370. Water from 314 to 370.
Con XII	"	6 E. Whitehouse	R. Hudson	Aug. 6, 1964	36			29	"	D, S	Brown clay 15; big stones, blue clay 20; blue clay 36; sand 37; blue clay 39. Water at 36.
London Road Survey											
Con I lot 1	"	A. VanEsbroeck	W. Hopper & Sons	Dec. 14, 1967	5	10	305	298	"	D, S	Yellow clay 38; blue clay stones 110; hardpan 232; caving rock 270; grey rock 328. Water from 298 to 328.
Con I	"	16 Kippen United Church	P. Jackson	Aug. 22, 1964	4	5	60	39	"	D	Clay loam 2; blue clay grit 40; clay stones false rock 50; limestone 67. Water at 35.
Con I	"	16 J. Powell	W. Hopper & Sons	July 29, 1965	4	7	75	55	"	D	Fill 2; yellow clay 12; blue clay 45; hardpan 67; loose rock 70; hard grey limestone 115. Water at 112.
Con I	"	18 R. Faber	R. Hudson	May 27, 1967	36	3	25	18	"	D, S	Hard brown clay 18; gravel 19; blue clay 29. Water at 18.
Con I	"	21 T. Workman	P. Jackson	Apr. 4, 1964	4	6	232	232	"	D	Clay topsoil 3; blue clay 30; clay sand 61; limestone 130; rock buff colour 215; limestone black specks 262. Water at 65 and 230.
Con II	"	12 J. Bell	Hopper Well Drilling	Jan. 7, 1967	5	12	249	248	"	D, S	Top clay 6; blue clay 28; clay stones 50; white limestone 248; brown limestone 373. Water from 248 to 373.
Con II	"	27 B. Dallas	P. Jackson	Oct. 10, 1964	4	4 1/2	105	25	"	D	Hardpan stones 10; blue clay grit 50; hard blue clay gravel 71; hard rock black speck 115. Water at 98.
Con II	"	37 J. Beane Jr.	Hedco Well Digging Ltd.	Aug. 11, 1964	30	2	48	33	"	S	Topsoil 1; brown clay 15; sandy blue clay 33; gravel sand 35; blue clay stones 48. Water at 33.
Con II	"	38 G. Cantelon	W. Hopper & Sons	Feb. 28, 1966	4	7	100	90	"	D, S	Topsoil liyellow clay 10; blue clay 20; hardpan 30; gravel 45; hardpan 69; rock 71; brown limestone 105. Water from 100 to 105.
Con II	"	er	P. Jackson	Mar. 25, 1964	4	12	60	65	"	D	Clay topsoil 3; hardpan 12; blue clay grit 60; clay grit boulders 72; limestone 92. Water at 77.
Con III	"	23 J. McNaughton	"	Nov. 14, 1964	4	10	70	20	"	D	Topsoil hardpan 15; blue clay stones 66; false rock 88; limestone rock black specks. Water at 75.
Con III	"	35 T. Pethering-nam	"	Mar. 5, 1964	4	6	252	252	"	D	Clay topsoil 2; hardpan 20; sand 50; clay boulders 70; limestone light dark rock 292. Water at 75 and 270.
Con III	"	38 E. Sillery	W. Hopper & Sons	Dec. 16, 1966	4	2	80	55	"	D, S	Topsoil liyellow clay 12; blue clay 45; gravel 55; hardpan 74; loose rock 76; brown limestone 115. Water from 110 to 115.
Con III	"	40 A. Townsend	P. Jackson	Mar. 24, 1964	4	1 1/2	150	120	"	D	Open well 35; sand clay grit 91; buff colour limestone 157. Water at 110.
Con IV	"	21 G. Varley	"	Dec. 3, 1964	4	12	78	68	"	D	Loam hardpan 5; hardpan 20; blue clay grit 73; hard blue clay grit 79; hard limestone 93. Water at 89.
Con IV	"	32 C. Richardson	W. Hopper & Sons	Sep. 2, 1964	4	10	245	237	"	D, S	Old well 37; clay sand 64; clay stones 68; grey rock 287. Water at 287.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations entered below the surface are given in feet)									
HUNON COUNTY - cont.									
Turnberry Twp.									
Con A	G. Adams	G. Keeso	Dec. 7, 1964	4	10	34	Fresh	D, S	Hardpan boulders 75; hardpan 128; sand 186; brown limestone 240. Water from 230 to 240.
Con B	W. Clark	G. L. Davidson	May 15, 1966	4	15	17	"	S	Topsoil 1; hardpan gravel sand stones 65; brown rock 127. Water at 125.
Con B	I. Ferry	"	Oct. 25, 1967	4	15	39	"	D	Topsoil 1; clay stones 8; gravel sand boulders 22; hardpan stone 47; gravel hardpan 76; brown shale limestone 89; shale brown soft limestone 126; brown medium hard limestone 140. Water from 136 to 140.
Con C	J. Parrel	E. Keeso	Feb. 7, 1967	4	12	25	"	D	Gravel stones 19; hardpan 41; brown shale 52; brown limestone 128. Water at 90 and from 125 to 128.
Con C	W. Mulvey	"	Apr. 11, 1966	4	13	14	"	D	Clay gravel 14; gravel stones 37; hardpan 41; shale 49; brown limestone 73. Water at 73.
Con I	T. Saint	G. L. Davidson	Apr. 25, 1967	6		Flows	"	D	Dug well 9; sand gravel 14; sand 19; gravel sand 25; marl 41; gravel 49; red shale 62. Water at 62.
Con I	J. Cooper	F. Jackson	Dec. 1, 1965	5	8	237	"	D	Clay topsoil 3; hardpan stones 15; blue clay boulders 48; white limestone 125; rock 237; black specks limestone 262. Water at 237.
Con I	W. Hilbert	G. L. Davidson	July 13, 1966	4	12	41	"	D, S	Gravel 10; hardpan 68; sand gravel 86; brown rock 141. Water at 141.
Con I	O. Goldthorpe	"	May 24, 1967	4	10	40	"	D, S	Topsoil 4; sandy clay stones 8; gravel sand stones 25; hardpan stones 53; brown shale 58; brown soft hard layers rock 127. Water at 112 and 127.
Con I	J. McNaughton	"	Nov. 10, 1965	4	22	135	"	S	Topsoil 4; sand clay stones 16; clay stones 30; sand gravel 33; hardpan sand stone 82; brown shale 97; brown rock 149. Water at 149.
Con III	W. VanLoon	W. Hopper & Sons	May 23, 1966	4	5	265	"	D, S	Topsoil 1; sandy clay 12; blue clay 50; hardpan 63; loose rock 64; grey limestone 105; hard brown limestone 125; light brown limestone 200; grey limestone 255; brown limestone 300. Water from 260 to 300.
Con IV	D. DeBoer	E. Keeso	May 9, 1966	4	15	38	"	D, S	Clay gravel 14; gravel 29; sand 64; yellow clay 87; yellow shale 107; yellow limestone 144. Water from 141 to 144.
Con VII	J. Miltenburg	G. L. Davidson	Dec. 1, 1965	4	5	300	"	D, S	Topsoil 4; red clay 9; clay sand 20; gravel 25; sand gravel 30; hardpan clay 52; grey hard limestone 84; brown medium hard brown limestone 322. Water at 322.
Con VIII	Imperial Oil Co.	"	Nov. 22, 1967	6	230	Flows	"	C	Gravel fill 3; blue clay 10; sand gravel 105; gravel 106. Water at 106.
Con IX	J. McKinnon	"	July 26, 1965	4	15	14	"	D, S	Sand gravel 25; gravel hardpan 62; stony hardpan 78; gravelly hardpan stones 116; sand 132; brown clay 136; gravel 140; soft brown shale 153; brown soft rock 176. Water at 176.
Con X	R. Baird	"	Aug. 23, 1965	4	12	50	"	S	Topsoil 1; hardpan 14; gravel 55; hardpan 75; gravel 90; brown soft rock 122. Water at 122.
Con XI	R. Appleby	"	Dec. 10, 1964	4	5	65	"	D	Sand gravel stones 23; stony hardpan sand gravel 77; brown hard shale 80; brown medium hard limestone 142. Water from 127 to 142.
Con XI	A. Sproul	"	Nov. 20, 1966	4	12	50	"	D, S	Clay sand 18; quicksand 24; sand 72; sand gravel 112; brown soft shale 134; brown soft rock 174. Water at 174.

\* See end of Appendix C for the meanings of abbreviations and symbols.



## HURON COUNTY -cont.

USborne Twp.	lot 10 J. Miller	E. Hussey	June 6, 1964			Fresh	Bored well 46; fine sand stones 54; gravelly hardpan limestone streaks 95; brown limestone 133; caving limestone 134. Water at 85. Clay 33; hardpan streaks sand 46; medium fine gravel 47. Water from 46 to 47. Topsoil 1; yellow clay 12; hardpan 58; loose rock 60; hard brown limestone 115; light brown limestone 180; brown limestone 225. Water from 200 to 225. Brown clay 15; coarse gravel 21. Water at 21. Brown clay 18; fine sand 22; blue clay 28; gravel 30; blue clay 48. Dry hole. Bored well 48; clay gravel 77; medium fine gravel 78. Water from 77 to 78. Clay 38; putty sand 40; fine grey sand 46; medium gravel 47. Water from 46 to 47. Sandy loam 4; coarse gravel 10; grey clay stones 14. Water from 5 to 14. Yellow clay 12; blue clay 66; hardpan 96; brown rock 268. Water from 220 to 268. Limestone 225. Water from 220 to 225. Blue clay 35; quicksand 36. Water at 35. Brown clay 15; blue clay 33; gravel 35. Water at 33. Hard clay 10; sand 11. Water at 10. Hard brown clay 8; sand 18; blue clay 21. Water at 8. Brown clay 10; blue clay 22; sandy clay 28; blue clay 3 1/2. Water at 26. Blue clay 26; brown sand 28; blue clay 35; boulders clay 42; boulders 45; rock. Water from 42 to 45. Top clay 5; clay stones 19; gravel 22; hardpan 33. Water from 19 to 22. Brown clay 20; blue clay 28; gravel 33. Water at 28. Brown clay 15; blue clay 65. Water at 65. Gravel 16; sand 25 1/2. Water at 16. Yellow clay 7; clay stones 35; hardpan 45; gravelly clay 55; dirty gravel sand 69; hardpan boulder 88; fine sand 93; hardpan 102; brown limestone 107. Water from 55 to 69 and from 105 to 107. Brown clay 15; blue clay 35; sand 36; blue clay 38. Water at 35. Brown clay 10; blue clay 34; sand. Water at 34. Fall 3; yellow clay 10; blue clay 45; hardpan 95; loose rock 97; brown limestone 135. Water from 120 to 125 and at 133 sulphur. Brown clay 15; blue clay 25; gravel 27; blue clay 32. Water at 25. Dug well 31; gravelly clay sandy streaks 61; hardpan boulders 78; fine sand hardpan 83; brown limestone 148; blue limestone 152; brown limestone 172; caving limestone 184; brown grey limestone 206. Water from 202 to 206.		
TRS	"	"	Nov. 27, 1964	4	2	34	30	D, S	"
TRS	"	W. Hopper & Sons	May 13, 1966	4	7	187	180	D, S	"
TEN	"	R. Hudson	Nov. 21, 1967 June 10, 1964	36	20	18	15	D, S	"
TEN	"	E. Hussey	June 24, 1964	4	5	48	43	D, S	"
TEN	"	"	Dec. 3, 1964	4	4	31	31	D	"
TEN	"	Banes Drilg. Co.	Sep. 12, 1964	36	10	14	5	D	"
SEB	"	W. Hopper & Sons	Oct. 1, 1966	5	10	230	220	D, S	Sulphur
SWB	"	"	June 30, 1966	5	10	195	190	D, S	Fresh
Con I	"	R. Hudson	Sep. 3, 1965	36	2	30	20	D	"
Con I	"	"	Sep. 3, 1965	36	20	30	27	D	"
Con I	"	L. Jones & Son	Aug. 7, 1964	36	1	16	10	D	"
Con I	"	"	Feb. 28, 1964	36	2	18	8	D	"
Con I	"	"	June 2, 1965	36	1	30	22	D	"
Con I	"	"	Oct. 27, 1965	30	1 1/2		31	D	"
Con I	"	Hadco Well Digging Ltd.	Aug. 8, 1967	4	1 1/2	20	19	D	"
Con IV	"	"	June 9, 1964	36	10	28	15	D, S	"
Con IV	"	R. Hudson	Nov. 25, 1966	36	20	60	54	D, S	"
Con IV	"	"	Sep. 16, 1964	36	4	20	16	D, S	"
Con VI	"	E. Hussey	May 28, 1964	4	8 1/2	52	28	D, S	"
Con VIII	"	"	Nov. 19, 1966	36	40	30	20	D, S	"
Con VIII	"	"	Dec. 13, 1967	36	4	32	10	D, S	"
Con VIII	"	"	Nov. 28, 1964	36	2	35	16	D, S	"
Con X	"	W. Hopper & Sons	Feb. 3, 1965	4	7	90	35	D, S	"
Con XI	"	"	Aug. 12, 1966	36	3	30	15	D, S	"
Con XI	"	R. Hudson	June 22, 1964	4	5	180	171	D, S	"
Con XI	"	E. Hussey							

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
Hudson County - cont. Usborne Twp. - cont. Con XIII " 14 R.Marshall " 14 R.Francis		R.Hudson "	Aug.15,1966. Aug.15,1966	36 36	20 40	10 20	5 15	Fresh "	D,S D,S	Brown clay 9;fine gravel 12½;clay. Water at 6. Brown clay 15;blue clay big stone 20;gravel 25. Water at 15.
West Wawanosh Twp. Con I lot 14 B.Wiggins		Ledco Drilg & Exploration " " G.Davidson	Nov.17,1964	4	8	80	75	Fresh	D,S	Grey clay rocks 120;light brown limestone 175. Water at 170.
Con II " 24 M.Young Con III " 16 T.Young		" "	Apr.21,1964 July 6,1965	4 5	10 10	105 140	95 115	" "	D,S D,S	Clay rocks 105;brown limestone 177. Water from 170 to 175. Topsoil 4;clay stones 8;blue clay stones 33;sand 36;stony hardpan 74;hardpan 102;white brown shale 110;brown medium hard rock 140;light brown medium rock 202. Water at 202.
Con III " 25 J.Delberque		F.Jackson	June 9,1965	4	10	105	47	"	D	Black loam 2;hardpan stone 15;sand Gravel 75;blue clay boulders fill 129;grey limestone 161. Water at 150.
Con IV " 19 A.Sherwood		G.Davidson	Oct.28,1966	4	10	160	143	"	S	Grill clay stones 5;clay stones 24;quicksand 31;sand clay stones 50;sand soft clay 110;bridging clay 123;hardpan 188;brown hard rock 240;brown medium hard rock 262. Water at 262.
Con VI " 13 D.Kerr		Ledco Drilg & Exploration Co.	July 3,1964	4	6	115	110	"	D,S	Clay rocks 128;brown limestone 155. Water from 148 to 155.
Con VII " 21 R.Mallister		G.L.Davidson	July 5,1967	5	70	165	109	"	D,S	Brown sandy clay 4;gravel 42;clay 93;sand gravel 96;clay stones stony hardpan 173;medium hard limestone shale streaks 185;soft limestone shale streaks 224;brown medium soft limestone 232. Water from 229 to 232.
Con VIII " 16 R.Durnin		"	Sep. 5,1964	4	9	70	40	"	D,S	Stony clay 23;sand 27;stony hardpan 38;clay marl 90;stony hardpan 122;gravelly hardpan 131;brown white hard limestone 156;brown medium hard limestone 202. Water at 202.
Con VIII " 19 D.Murray		"	Sep.10,1964	4	20	100	80	"	D,S	Sandy clay 11;sandy hardpan gravel 38;quicksand 70;stony hardpan 158;brown shale 161;brown grey hard limestone 226;brown hard limestone 230. Water at 230.
Con VIII " 25 T.Armstrong		"	Sep.15,1964	4	20	80	64	"	D,S	Topsoil 1;clay 36;gravel sand hardpan stones 115;stony hardpan 176;brown hard shale 184;grey brown hard limestone 232. Water from 222 to 232.
Con XI " 26 N.Rintoul		"	July 27,1967	4	5	75	40	"	D,S	Dug well 7;brown clay 24;marl sand 36;yellow sand 42;quicksand 68;sand gravel 93;shale 124;brown soft limestone 170. Water at 170.
Con XIII " 21 W.Forester		"	Aug.16,1965	4	10	60	48	"	D,S	Topsoil 1;brown clay 5;sandy clay gravel streaks 23;sand gravel 29;clay sand 42;hardpan 60;sand stones 71;stony hardpan 115;white brown shale 125;brown soft rock 172. Water at 172.
Wingham,Town of		G.L.Davidson	Sep.15,1964	4	12	40	32	Fresh	D	Sand gravel 16;clay 42;hardpan stones 110;brown soft shale 126;brown soft rock 145. Water at 145.
	F. Riley E.Walker	"	Nov.18,1964	4	10	50	45	"	D	Topsoil 2;hardpan stones boulders 16;sand gravel 22;hardpan stones 85;brown hard shale 92;brown medium hard limestone 125;brown soft limestone 139;buff medium hard limestone 142. Water from 138 to 142.

\* See end of Appendix C for the meanings of abbreviations and symbols.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
<b>KENT COUNTY</b>									
Elenheim, Town of	Public Utili- ties Comm.	International Water Supply Ltd.	Feb. 15, 1967	2		128	Fresh	T 4-67	Clay 4; fine gravel sand 8; clay gravel 63; cemented clay gravel 65 clay gravel 181; broken shale 184; hard shale 201; softer shale 220. Water at 184, 201 and 220.
	"	"	June 7, 1967	12	80	204	Gas	N	Sandy clay 14; grey clay 105; brown clay 139; brown clay fine gravel 174; brown clay 187; shale gravel 189; shale 194; brown shale slate 209; brown shale 216; soapstone. Water at 194, 209 and 216.
Bothwell, Town of	R. Beatty	W. Marsh	Feb. 6, 1965	5	4 1/2	21	Fresh	D	Red sand 3; grey sand 31; grey clay stones 81; gravel sand 94; black shale 115. Water from 81 to 94.
	O. Doman	"	Apr. 29, 1965	5	7	21	"	D	Sand 30; clay stones 82; gravel sand 107; shale 112. Water from 82 to 107.
	"	"	Apr. 29, 1965	5	7	21	"	C	Sand 30; grey clay stones 82; gravel sand 107; black shale 112. Water from 82 to 107.
	I. Perritt O.W.B.C.	S. Earl Paulkner Well Drig. Co. Ltd.	Nov. 1, 1965 Mar. 3, 1966	4 6	48 2	20	"	N B2-66	Sand 29; clay 80; black shale 98. Water at 85. Topsoil brown fine sand 5; light brown fine sand 14; grey brown fine sand 24; grey coarse sand seam grey fine sand 28; grey coarse fine sand 29; grey coarse sand fine medium gravel 33; grey silty clay till 34. Water at 14.
	"	"	Mar. 4, 1966	6	15	13	"	T B3-66	Brown fine sand 14; grey fine sand 30; grey coarse fine sand fine medium gravel 33; grey silty clay till 34. Water at 14.
	"	"	Mar. 8, 1966	6		2 1/2	"	T B8-66	Brown fine sand 14; grey fine sand 30; grey coarse fine sand fine medium gravel 32; grey silty clay till 33. Water at 14.
	"	"	Mar. 9, 1966	6		3	"	T B9-66	Brown fine sand 13; grey fine sand 29; grey coarse fine sand fine medium gravel 31; grey silty clay till 32. Water at 13.
	"	"	Mar. 10, 1966	6		3	"	T B6-66	Brown fine sand 13; grey fine sand 30; grey coarse fine sand fine medium gravel 32; grey silty clay till 33. Water at 13.
	"	"	Mar. 11, 1966	6		2	"	T B7-66	Brown fine sand 13; grey fine sand 29; grey coarse fine sand fine medium gravel 30; grey silty clay till 32. Water at 13.
	"	"	Mar. 14, 1966	6		3	"	T B5-66	Brown fine sand 14; grey fine sand 31; grey coarse fine sand fine medium gravel 33; grey silty clay till 34. Water at 14.
	"	"	Mar. 15, 1966	6		2	"	T B4-66	Brown fine sand 14; grey fine sand 29; grey coarse sand fine medium gravel 33; grey silty clay till 34.
	"	"	Mar. 18, 1966	10	30	18	"	T B1-66	Brown fine sand 10; brown silty fine sand 15; brown grey fine sand fine gravel coarse sand seams 20; grey silty fine sand 28; grey silty clay till 34. Water at 15.
	G. Chambers	W. Marsh	July 15, 1967	5	10	40	"	C	Sand 30; grey clay 78; fine sand 83; coarse sand gravel 93; gravel 101; sand silt 104; black shale 109. Water from 10 to 30.
Garden Twp. Con A	lot 10	D. Simpson	June 24, 1966	4					Topsoil 1; clay 44; hardpan 52; gravel 53; shale hardpan 63; black shale 70. Dry hole.
	" 10	"	July 22, 1966						Topsoil 1; red sand 6; clay 42; hardpan 56; shaly hardpan 62; black shale 76; grey limestone 78. Dry hole
	" 10	D. Lecuyer	Sep., 9, 1966	4	60	45	Fresh	D	Clay 40; clay pebbles 46; sand gravel 52; sand clay gravel 56; black shale 61. Water at 60.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Canden Twp. - cont. Con III lot 2	G. Gall	D. Simpson	Feb. 10, 1967	4	3	118	110	Fresh	D	Topsoil 1;sand 5;clay 40;hardpan 85;gravel 87;hardpan streaks gravel 140;gravel 144. Water at 140.
Con IV " 1	C. Jackson	R. Simpson	July 29, 1964	4	5	25	11	"	D, S	Topsoil 5;blue clay 45;loose shale 46. Water at 45.
Con IV " 5	L. Pray	D. Simpson	Sep. 7, 1967	4	1 1/2	30	15	"	D	Topsoil 1;yellow clay 5;blue clay 33;hardpan 39;shaly hardpan 41;loose shale 42;black shale 49. Water from 41 to 42.
Con IV " 5	"	"	Sep. 11, 1967	4	"	"	"	"	"	Topsoil 1;yellow clay 7;blue clay 41;hardpan 47;black shale. Dry hole.
Con IV " 5	"	"	Sep. 12, 1967	4	"	"	"	"	"	Topsoil 1;yellow clay 4;blue clay 34;hardpan 42;black shale. Dry hole.
Con IV " 5	"	"	Sep. 13, 1967	4	"	"	"	"	"	Topsoil 1;yellow clay 6;blue clay 40;hardpan 46;black shale. Dry hole.
Con IV " 5	"	"	Sep. 14, 1967	4	"	"	"	"	"	Topsoil 1;yellow clay 6;blue clay 33;hardpan 40;shaly hardpan 44;black shale 51. Dry hole.
Con IV " 6	N. Weaver	"	Mar. 9, 1964	4	5	34	17	Fresh	D, S	Topsoil 1;red sand 4;clay 30;hardpan 40;gravel 44;hardpan 50;loose shale gravel 52;black shale 53. Water at 40 and 52.
Con V " 1	B. Chandler	"	July 4, 1966	4	4	20	12	"	D, S	Topsoil 1;clay 59;gravel 42;black shale 42 1/2. Water at 39.
Con V " 1	L. McFadden	"	Feb. 17, 1967	4	4	37	17	"	-D	Topsoil 1;red sand 5;quicksand 6;clay 40;shaly hardpan 42;loose shale gravel 43;black shale 45. Water from 43 to 45.
Con V " 4	C. Liberty	R. Simpson	May 5, 1967	4	4	20	10	"	D, S	Topsoil 4;yellow clay 39;loose stone gravel 40. Water at 39.
Con V " 8	D. McCaughrin	"	May 10, 1967	4	"	"	"	"	"	Topsoil 3;yellow clay 7;blue clay 40;hardpan 42. Dry hole.
Con V " 8	"	"	May 14, 1967	4	1 1/2	40	16	"	N	Topsoil 3;yellow clay 8;blue clay 41;hardpan 52;black shale. Water at 40.
Con V " 8	"	"	May 16, 1967	4	5	25	16	"	D	Topsoil 3;yellow clay 8;blue clay 41;sand gravel 44;hardpan. Water at 41.
Con VI " 9	Devries Bros.	"	May 21, 1967	4	"	"	"	"	"	Topsoil 2;yellow clay 9;blue clay 36;hardpan 49;grey black shale 52. Dry hole.
Con VI " 9	"	"	May 23, 1967	4	"	"	"	"	"	Topsoil 2;yellow clay 8;blue clay 35;hardpan 50;grey black shale 52. Dry hole.
Con VI " 9	"	"	May 24, 1967	4	"	"	"	"	"	Topsoil 2;yellow clay 9;blue clay 40;black shale 42. Dry hole.
Con VI " 9	"	"	May 26, 1967	4	1 1/2	35	21	Fresh	N	Topsoil 2;yellow clay 11;blue clay 39;black shale. Water at 39.
Con VI " 9	"	"	June 1, 1967	4	5	25	21	"	D, S	Topsoil 2;yellow clay 11;blue clay 39;gravel loose black shale 40;black shale 45. Water from 40 to 45.
Gore Con I " 3	W. Nevill	D. Simpson	Sep. 27, 1966	4	1	40	9	"	D, S	Topsoil 1;clay 42;sand gravel 44;black shale 51. Water at 42.
Gore Con I " 6	G. Elgie	R. Simpson	Nov. 18, 1965	4	"	"	"	"	N	Topsoil 2;black clay 47;black shale 60. Dry hole.
Gore Con I " 6	"	"	Dec. 14, 1965	4	5	20	12	"	D, S	Topsoil 2;clay 45;shale gravel 46;black shale 47. Water from 45 to 46.
Gore Con I " 10	R. Green	D. Simpson	June 9, 1967	4	2	30	8	"	D	Topsoil 1;yellow clay 5;blue clay 49;loose shale gravel 50;black shale. Water from 49 to 50.
Gore Con I " 10	"	"	June 12, 1967	4	5	15	8	"	D, S	Topsoil 1;yellow clay 7;blue clay 48;gravel 50;black shale 51. Water from 48 to 50.
Gore Con II " 1	B. Seaman	"	Feb. 18, 1967	4	4	24	22	"	D	Topsoil 2;red sand 5;clay 51;gravel 58;hardpan. Water from 56 to 58.
Gore Con III " 1	W. Robbins	Hadco Well Digging Ltd.	June 9, 1964	2 1/2	"	"	"	"	"	Topsoil 1;yellow clay 14;blue clay 30. Dry hole.
Gore Con III " 1	C. Lucas	D. Simpson	Feb. 15, 1966	4	3	36	30	Fresh	D, S	Topsoil 1;clay 53;gravel 54;hardpan 56. Water from 53 to 54.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOGS AND REMARKS* (Depths to which formations entered below the surface are given in feet)
KENT COUNTY - cont.										
Garden Twp. - cont.										
Gore Con V lot 6	E. Fitzgerald	R. Simpson	Oct. 27, 1965	4	3	45	20	Fresh	D, S	Topsoil 2; yellow sand 5; clay 30; hardpan 57; limestone sand gravel 60; black shale 64. Water from 57 to 60. Topsoil 3; yellow clay 10; blue clay 40; hardpan 59; shale 61. Dry hole.
Gore Con V " 6	"	"	Nov. 2, 1966	4						Topsoil 2; brown clay 20; blue clay 60; black shale 70. Dry hole.
Gore Con VI " 6	"	H. McDonald	Apr. 5, 1967	4						Topsoil 2; brown clay 20; blue clay 58; black shale 90. Dry hole.
Gore Con VI " 6	"	"	Apr. 6, 1967	4						Topsoil 2; brown clay 22; blue clay 55; black shale 60. Dry hole.
Gore Con VI " 6	"	"	Apr. 13, 1967	4						Topsoil 2; brown clay 20; blue clay 55; black shale 100. Dry hole.
Gore Con VI " 7	E. Sturgis	Wade's	Apr. 15, 1967	4						Yellow clay 7; blue clay 23; grey clay 24; hardpan 48; black shale 66. Dry hole.
Gore Con VI " 9	"	"	Aug. 30, 1966	4						Yellow clay 8; grey clay 32; hardpan 50. Dry hole.
Gore Con VI " 9	M. Neaves	"	Aug. 13, 1964	4	2	21	19	Salty	D	Yellow clay 8; grey clay 32; hardpan 42; black shale 50. Water at 46.
Gore Con VI " 9	"	"	Aug. 15, 1964	4	1	27	16	Fresh	D	Yellow clay 8; grey clay 37; hardpan 48; black shale 60. Water at 46.
Gore Con VI " 9	J. Gibson	"	Aug. 18, 1964	4						Yellow clay 10; grey clay 36; hardpan 52; black shale 65; grey shale 70. Dry hole.
Gore Con VI " 9	H. Devries	"	Aug. 5, 1966	4						Yellow clay 8; grey clay 36; hardpan 48; black shale 72. Dry hole.
Gore Con VI " 9	"	"	Aug. 16, 1966	4						Yellow clay 8; grey clay 36; hardpan 52; black shale 64; grey shale 68. Dry hole.
Gore Con VI " 9	"	"	Aug. 18, 1966	4						Yellow clay 8; grey clay 32; hardpan 34; black shale 64. Dry hole.
Gore Con VI " 9	"	"	Sep. 2, 1966	4						Yellow clay 8; grey clay 34; hardpan 44; black shale 49. Dry hole.
Gore Con VII " 3	G. Holmes	D. Simpson	Mar. 10, 1964	4						Topsoil 1; red sand 4; clay 34; hardpan 44; black shale 49. Dry hole.
Gore Con VII " 3	"	"	Dec. 18, 1965	4						Sand 8; blue clay 30; hardpan 50; black shale 70. Dry hole.
Gore Con VII " 3	"	Wade's	Dec. 22, 1965	4						Dark sand 7; blue clay 29; hardpan 50; black shale 70. Dry hole.
Gore Con VII " 3	W. Kloostera	"	Oct. 12, 1967	4						Yellow sand 3; grey sand 7; yellow clay 12; blue clay 30; hardpan 53; black shale 68. Dry hole.
Gore Con VII " 3	"	"	Oct. 14, 1967	4						Sand 10; blue clay 14; blue clay 30; hardpan 52; black shale 70. Dry hole.
Gore Con VII " 3	M. Zrma	"	Sep. 4, 1965	4				Fresh		Sand 5; blue clay 34; hardpan 40; black shale 60. Water at 40. Insufficient water.
Gore Con VII " 3	"	"	July 20, 1965	4						Sand 6; grey clay 32; hardpan 35; black shale 50. Dry hole.
Gore Con VII " 3	"	"	July 21, 1965	4						Sand 5; quicksand 6; grey clay 33; hardpan 37. Dry hole.
Gore Con VII " 3	W. Kloostera	"	Oct. 10, 1967	4						Sand 6; yellow clay 12; blue clay fine gravel 30; hardpan 51; black shale 67. Dry hole.
Gore Con VII " 6	T. Jenkins	R. Simpson	May 3, 1966	4	3	30	16	Fresh	D, S	Topsoil 3; yellow clay 9; blue clay 34; hardpan 37; black shale 40. Water at 37.
Gore Con VII " 10	G. Kerr	Wade's	Feb. 11, 1964	4						Yellow clay 12; blue clay 35; hardpan 52; black shale 70. Dry hole.
Gore Con VII " 10	"	"	Feb. 18, 1964	4	1	20	24			Yellow clay 12; blue clay 35; hardpan 47; grey shale black shale 52; black shale 60; grey shale 65; black shale 70. Water at 48.
Gore Con VII " 10	F. Coite	"	Jan. 16, 1967	4	10	58	20	Fresh	D	Yellow clay 7; grey clay 30; hardpan 45; black shale 58. Water at 45.
Gore Con VIII " 3	Dawn Mills	D. Simpson	Feb. 26, 1964	4	2	32	16	"	D	Topsoil 1; clay 7; quicksand 8; blue clay 20; hardpan 35; loose shale gravel 36; black shale 46. Water at 36.
Gore Con VIII " 3	United Church	Wade's	June 21, 1964	4	4	53	25	"	D	Sandy clay 3; quicksand 8; blue clay 37; hardpan 41; black shale 53. Water at 46.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST C.F.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
<p>KENT COUNTY - cont.</p>										
Garden Twp. - cont.										
Gore Con XIII lot 3	J. Cryderman	R. Simpson	Sep. 24, 1967	4						Topsoil 5; yellow clay 7; blue clay 45; hardpan 62; grey limestone 63. Dry hole.
Gore Con XIII " 3	"	"	Sep. 20, 1967	4	3	30	16	Fresh	N	Topsoil 5; yellow clay 9; blue clay 45; hardpan 57; hardpan sand 63; grey limestone 64. Water at 63.
Gore Con XIII " 6	Rose Bros.	"	Sep. 1, 1967	4						Topsoil 5; yellow clay 7; blue clay 36; grey limestone 40. Dry hole.
Gore Con XIII " 7	J. Wolfe	R. Pinsonneault	Aug. 20, 1964	4						Sand 7; brown clay 37; streak dirty shale 38; hardpan 40; soapstone 42; limestone 44; soapstone 45. Dry hole.
Gore Con XIII " 8	Mrs Hall	R. Simpson	Oct. 28, 1966	4	4	22	10	Fresh	D	Topsoil 4; blue clay 24; grey black shale 26. Water at 24.
Gore Con XIV " 5	H. Ross	"	Mar. 15, 1967	4	4	30	11	"	D, S	Dug well 20; blue clay 36; hardpan 40; loose shale 42. Water at 40.
<p>Chatham, City</p>										
	Arrow Laundry	G. Rice	Feb. 26, 1964	4	1 1/2	74	14	Fresh	C	Sand 10; blue mud 60; sand gravel 69; black shale 74. Water at 74.
	"	O. Lecuyer	Nov. 5, 1966	4						Red sand 15; soft clay 45; hardpan 60; fine sand 65; hard clay 70. Dry hole.
	G. Bruhlman	Hadco Well Drig. & Digging Ltd.	Nov. 13, 1967	30	8	54	2	Fresh	In	Driveway 1; brown sandy clay 10; blue marl 14; blue clay 44; sand gravel 47; black shale 55. Water at 10, 12 and 44.
<p>Chatham Twp.</p>										
Con I lot 4	H. Milliard	D. Lecuyer	Dec. 1, 1965	4	1	50	22	Fresh	D	Clay 8; sand 16; clay 35; fine sand 45; gravel clay 59; gravel sand 63; coarse black gravel sand 68. Water at 40 and 67 1/2.
Con I " 4	"	"	Sep. 16, 1966	4	4	50	20	"	D	Clay 3; sand 10; clay 4; gravel sand 50; clay pebbles 61; sand gravel 63; black sandy shale 63. Water at 63.
Con I " 4	"	"	Mar. 28, 1966	4	4	45	24	"	D	Clay 11; sand 10; clay 3; medium sand 45; clay pebbles 62; sand gravel 63; gravel sand 64; gravel 64. Water at 64.
Con I " 4	"	"	Dec. 29, 1965	4	1 1/2	58	22	"	D	Clay 9; sand 15; clay 42; sand 50; clay pebbles 63; fine sand gravel 65; gravel coarse sand 66; black shale 67. Water at 44 and 66.
Con I " 4	D. St. Pierre	M. Johnston	Feb. 28, 1966	4	5	29	24	"	D	Sand 20; blue clay 40; blue clay small stones 58; sand 62; blue clay small stones 64; gravel 65. Water from 64 to 65.
Con I " 4	N. O'Brien	O. Lecuyer	Oct. 15, 1965	4	4	29	22	"	D	Red sand 12; soft clay 25; hardpan 64; gravel 65. Water at 64.
Con I " 4	L. Calhoun	D. Wales	Oct. 3, 1967	4	5	34	24	"	D	Red sand 7; quicksand 8; grey clay 40; hardpan 67; black shale 70. Water at 67.
Con I " 5	L. Davis	D. Simpson	Mar. 13, 1964	4						Topsoil 1; clay 45; hardpan 54; gravelly hardpan 56; gravel 61; black shale. Dry hole.
Con I " 5	"	"	Mar. 16, 1964	4	1	60	41	Fresh	D	Topsoil 1; clay 45; hardpan 54; gravelly hardpan 56; gravel 61; black shale 63. Water at 56.
Con I " 5	G. Urquhart	D. Lecuyer	Aug. 13, 1964	4	1 1/2	55	27	"	D	Clay 12; sand 18; clay 39; medium sand 45; clay pebbles 60; gravel clay 61; medium sand 62; black shale 62. Water at 62.
Con I " 5	H. Stewart	Hadco Well Digging Ltd.	Sep. 24, 1964	30	3	28	15	"	S	Topsoil 1; sandy brown clay 15; blue grey sand 22; blue clay 30. Water at 18.



# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1965 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Chatham Twp. - cont.										
Con I lot 7	J. Meinzinger	D. Lecuyer	July 4, 1966	4	60	62	21	Fresh	D	Clay 12; sand 19; clay 56; clay pebbles 61; medium gravel 62. Water at 62.
Con I " 7	S. Morton	"	Oct. 10, 1966	4						Clay 4; sand 14; soft clay 50; gravel clay hardpan 60; gravel fine sand 64. Dry hole.
Con I " 7	"	"	Oct. 24, 1966	4						Clay 5; sand 10; clay 12; sand 18; clay 55; clay pebbles 62; gravel fine sand 64. Dry hole.
Con I " 7	H. Roffel	D. Simpson	Dec. 18, 1965	4	2	41	28	Fresh	D	Topsoil 2; clay 10; quicksand 12; clay 60; hardpan 70; gravel 71; black shale 74. Water at 70.
Con I " 7	A. Bloomer	"	Dec. 3, 1965	4	2	42	30	"	D	Topsoil 2; clay 60; sand gravel silt 65; hardpan 67; gravel 71; black shale 75. Water at 67.
Con I " 7	Rev. Edwards	O. Lecuyer	Aug. 20, 1966	4	1½	40	20	"	D	Hard clay red sand 20; soft clay 40; hardpan 41; coarse gravel 62. Water at 62.
Con I " 7	R. Clark	"	Aug. 25, 1966	4	1	62	20	"	D	Red sand 14; hard clay 20; soft clay 40; hardpan 61; sand 62. Water at 62.
Con I " 7	R. Lumley	"	Sep. 1, 1966	4						Red sand hard clay 20; soft clay 45; hardpan 62. Dry hole.
Con I " 8	J. Fox	C&W Johnston	Nov. 4, 1965	4	3	30	22	"	D	Topsoil 1; clay 6; sand 18; clay 40; clay stone 53; gravel 57; gravel clay 59. Water from 53 to 57.
Con I " 9	J. Marshall	D. Simpson	Sep. 26, 1964	4	2	31	22	"	D	Topsoil 1; clay 52; hardpan 54; sand gravel 58; hardpan 59. Water at 54.
Con I " 13	J. Clyde	"	Mar. 26, 1966	4	½	70	19	"	D	Topsoil 2; clay 8; quicksand 10; clay 40; hardpan 70; loose shale gravel 78; black grey shale 84. Water from 70 to 78.
Con I " 15	I. Cudney	D. Lecuyer	Mar. 3, 1967	4	40	70	27	"	D	Clay 8; sand 16; clay 18; sand 22; clay 46; sand gravel clay 78; black shale 83; hard black shale 85. Water at 82.
Con I " 15	"	Hadco Well Drilling & Digging Ltd.	June 1, 1967	24	5	25	10	"	D	Topsoil 2; brown clay 10; brown sand 20; blue clay 30. Water at 12.
Con I " 21	J. Hardey	D. Simpson	Dec. 14, 1966	4	2½	42	28	"	D	Topsoil 1; sand 19; clay 48; gravel 49; hardpan 64; gravel 65; black shale 67. Water at 64.
Con I " 24	H. Stuart	Hadco Well Drilling & Digging Ltd.	Oct. 26, 1965	30	1	15		"	D	Topsoil light sandy loam 2; brown sand 6; sandy gravel 10; brown sand 15; grey blue marl 16; fine coarse sand gravel 28; blue clay 39. Water at 15 and 18.
Con I " 28	G. Burns	D. Simpson	June 15, 1967	4	5	35	25	"	D	Topsoil 1; clay 55; loose shale gravel 57; black shale 60. Water from 55 to 57.
Con I " 28	Chatham Twp. Park	Wade's	July 27, 1967	4	10	24	21	"	P	Dark clay 3; quicksand 5; grey clay 55; hardpan 59; grey shale 67. Water at 59.
Con II " 3	J. Harker	R. Pinsonneault	Apr. 7, 1964	4	1	20		"	N	Brown clay 2; blue clay 52; white sand 53; brown clay pebbles 78; shale 88. Water at 78.
Con II " 3	"	"	Apr. 13, 1964	4	3	50	18	"	D, S	Sand 4; blue clay 67; shale 82. Water at 67 and 82.
Con II " 3	J. Lally	D. Lecuyer	July 10, 1966	4						Clay 12; sand 16; clay 57; sand gravel 65; medium sand 67; clay pebbles 81; gravel 84; clay soapstone 94. Dry hole.
Con II " 3	"	"	July 14, 1966	4						Clay 14; gravel 18; clay 56; fine sand clay 62; clay pebbles 72; clay 84. Dry hole.
Con II " 4	C. Vanuden	D. Simpson	July 8, 1966	4	3½	45	29	Fresh	D	Topsoil 1; red sand 8; clay 47; streaks sand clay 66; gravel loose shale 68; black shale 78. Water at 68.
Con II " 6	W. Homenok	D. Lecuyer	Apr. 23, 1965	4	2	70	15	"	D	Sandy clay 8; clay gravel 19; clay 40; clay gravel 67; gravel sand shale 80; gravel greenish shale 82½; softer gravel green shale 85. Water at 82.
Con II " 7	St. Vincent School	O. Lecuyer	May 15, 1965	4	6	24	15	"	P	Red sand 15; soft clay 25; hard clay 35; soft clay 65; hardpan 87; gravel 88. Water at 87.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1955 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Cheatham Twp. - cont.										
Con IV lot 26	D. Johnston	H. McDonald	June 10, 1967	4	25	14	8	Fresh	D	Topsoil 2; brown clay 15; blue clay 58; gravel 61; black shale 62. Water at 58.
Con V " 1	N. Spurgeon	Hadco Well Digging Ltd.	Nov. 8, 1966	30	30	50	17	"	D	Topsoil 1; brown clay 13; blue clay 16; blue sand 19; blue clay 50. Water at 13 and 16.
Con V " 5	W. Moir	D. Simpson	Mar. 20, 1965	6	5	20	11	"	D, S	Topsoil 1; clay 5; quicksand 6; clay 63; gravel 64; black shale. Water at 63.
Con V " 9	C. Leevens	D. Lecuyer	Apr. 9, 1964	4	1	68	9	"	D	Clay 14; medium sand 19; clay 56; sand gravel 65; black shale 68. Water at 56 and 67.
Con V " 9	"	"	Sep. 3, 1964	4	1	35	9	"	D	Clay 8; sand 16; clay 53; sand gravel 55; gravel loose shale 58; black shale 64. Water from 55 to 58.
Con V " 9	"	O. Lecuyer	Sep. 25, 1964	4	2	30	14	"	D, S	Red sand 10; soft clay 55; hardpan 64; sand 65. Water at 64.
Con V " 9	G. Leevens	"	May 12, 1965	4	4	20	15	"	D, S	Red sand 12; soft blue clay 68; gravel 69. Water at 68.
Con V " 10	H. Gysels	C&M. Johnston	Oct. 3, 1964	4				"		Surface topsoil 1; clay 13; gravel 15; clay 60; gravel strips shale 65; shale 68. Water from 13 to 15.
Con V " 10	"	"	Oct. 9, 1964	4	3	14	12	"	D, S	Surface topsoil 1; clay 13; gravel 15; clay 60; gravel 62; shale 66. Water from 13 to 15 and from 60 to 62.
Con V " 18	W. Hunter	R. Simpson	May 30, 1966	4	2 1/2	70	25	"	D, S	Topsoil 4; yellow sand 8; blue clay 50; hardpan 74; gravel 75; black shale 87. Water at 74.
Con V " 22	W. Hunter Jr.	D. Simpson	Mar. 12, 1965	4	2	45	13	"	D	Topsoil 1; red sand 5; clay 39; hardpan 51; gravel 55. Water at 51.
Con V " 23	J. Bednarik	D. Wade's	Oct. 19, 1967	4	1 1/2	60	17	"	D	Sand 10; grey clay 38; hardpan 57; grey limestone 60. Water at 59.
Con VI " 2	A. Ross	R. Simpson	Oct. 20, 1967	4	4	25	9	"	D, S	Topsoil 2; yellow clay 7; blue clay 61; hardpan fine sand 74; sand gravel 76. Water at 61, 70 and 74.
Con VI " 12	A. Ernteman	D. Simpson	Sep. 4, 1964	4	2	45	16	"	D	Topsoil 1; red sand 17; clay 60; loose shale 61; black shale 67. Water at 60.
Con VI " 24	J. Gudney	"	Oct. 27, 1967	7	2 1/2	30	15	"	N	Topsoil 1; red sand 4; quicksand 5; blue clay 46; sand silt 48; hardpan 50; black shale 53. Water at 46.
Con VII " 3	H. Patterson	"	May 28, 1965	4	3	20	8	"	S	Topsoil 2; clay 8; quicksand 9; clay 53; loose shale gravel 54 1/2; black shale 59. Water at 53.
Con VII " 8	J. Prall	C&M Johnston	Sep. 14, 1964	4	3	18	12	"	D	Surface topsoil 2; sand 16; blue clay 60; gravel 64; shale. Water from 60 to 64.
Con VII " 14	V. Stuart	D. Simpson	Aug. 17, 1967	4				"		Topsoil 2; sand 3; clay 48; hardpan 56; black shale 60. Dry hole.
Con VII " 14	"	"	Aug. 18, 1967	4				"		Topsoil 1; red sand 4; clay 46; hardpan 51; black shale 61. Dry hole.
Con VII " 14	"	"	Aug. 19, 1967	4	3	35	29	Fresh	D, S	Topsoil 1; red sand 4; clay 50; hardpan 55; gravel 57; black shale 59. Water at 59.
Con VII " 21	A. Vanhyfte	R. Simpson	May 10, 1964	4				"		Topsoil 2; yellow sand 5; yellow clay 8; blue clay 56; black shale 58. Dry hole.
Con VII " 21	"	"	May 14, 1964	4	3	50	18	Fresh	N	Topsoil 2; yellow sand 5; yellow clay 9; blue clay 52; fine sand hardpan 53. Water at 52.
Con VII " 21	"	"	May 24, 1964	4	5	20	16	"	D, S	Topsoil 2; yellow sand 5; yellow clay 9; blue clay 52; gravel 53. Water at 52.
Con VIII " 1	A. Boudreau	O. Lecuyer	Nov. 16, 1965	4	3	20	12	"	D	Red sand clay 15; soft blue clay 60; hardpan 73; blue shale 75. Water at 75.
Con VIII " 1	W. Kelly	"	Sep. 23, 1966	4	3	20	7	"	D	Red sand 15; soft blue clay 65; hardpan 66; black shale 67. Water at 67.

KENT COUNTY - cont.  
Quatham Twp. - cont.

Con VIII	lot 14	V. Stuart	D. Simpson	Apr. 13, 1966	7	5	28	16	Fresh	D, S	Topsoil 2; clay 50; gravel 54. Water from 50 to 54. Sand 8; grey clay 45; hardpan 68; black shale 85; grey shale 87. Dry hole.
Con VIII	" 15	D. McGorman	Wades	Oct. 25, 1966	4						Dry hole.
Con VIII	" 15	"	"	Oct. 27, 1966	4						Sand 7; blue clay 42; hardpan 68; black shale 85; grey shale 85. Dry hole.
Con VIII	" 23	S. Erry	D. Simpson	Apr. 7, 1966	7	6	14	10	"	D, S	Topsoil 2; clay 22; hardpan 40; loose shale gravel 43½. Water at 40.
Con IX	" 8	J. Jackson	"	Sep. 12, 1966	4	3	34	30	"	D	Topsoil 1; clay 45; sand gravel 47. Water at 45.
Con IX	" 12	"	"	Sep. 12, 1966	4	3	34	30	"	D	Topsoil 1; clay 45; sand gravel 47; hardpan. Water at 45.
Con IX	" 14	C. Jeavons	O. Jecuyer	Oct. 16, 1964	4	5	20	10	"	D, S	Red sand 12; soft blue sand 46; black shale 48. Water at 46.
Con IX	" 15	O. Jervais	R. Simpson	Apr. 13, 1966	4	1	54	14	"	N	Topsoil 2; yellow clay 8; blue clay 50; layer fine sand hardpan 52; black shale 54. Water at 50.
Con IX	" 15	"	"	Apr. 14, 1966	4	1	54	14	"	N	Topsoil 2; yellow clay 8; blue clay 50; layer fine sand hardpan 52; black shale 54. Water at 50.
Con IX	" 15	"	"	Apr. 15, 1966	4	5	24	14	"	D	Topsoil 2; yellow clay 10; blue clay 50; sand 52; black shale 53. Water from 50 to 52.
Con IX	" 19	W. McKinnon	"	July 8, 1966	4	4	25	14	"	D	Topsoil 2; blue clay 39; fine sand 41; coarse gravel 42; hardpan 48; black shale 50. Water at 39.
Con IX	" 19	P. Ennett	"	May 10, 1965	4	2½	40	14	"	D, S	Topsoil 3; yellow clay 8; blue clay 36; clay fine silt 44; fine sand 45. Water at 36.
Con IX	" 19	"	"	May 12, 1965	4	2½		14		N	Topsoil 3; yellow clay 8; blue clay 36; silt 45.
Con X	" 1	W. Harding	D. Jecuyer	May 29, 1967	4	1½	40	18	Fresh	D	Clay 6; sand 8; clay 42; gravel medium loose shale 43; black hard shale 44. Water at 43; blue clay 58; shale. Dry hole.
Con X	" 2	R. & F. P. P. Pinsonneault	C&M. Johnston	Jan. 23, 1965	4						Surface 1; sand clay 12; blue clay 58; shale. Dry hole.
Con X	" 2	"	"	Jan. 29, 1965	4						Surface 1; sand clay 12; blue clay 58; shale 64. Dry hole.
Con X	" 2	"	"	Feb. 10, 1965	4						Surface 1; sand clay 13; blue clay 58; shale 62. Dry hole.
Con X	" 2	"	"	Feb. 23, 1965	4						Surface 1; sand clay 8; blue clay 47; gravel 48; shale 55. Water from 47½ to 48.
Con X	" 2	"	"	May 18, 1965	4	1	35	24	Fresh	D, S	Topsoil 2; blue clay 44; black shale gravel 45. Water at 44.
Con X	" 5	L. Judd	R. Simpson	Sep. 14, 1965	4	5	25	11	"	D, S	Topsoil 2; blue clay 9; quicksand 9; clay 40; hardpan 47; loose shale gravel 54; black shale 63. Water at 52.
Con X	" 18	H. Leamers	D. Simpson	Feb. 14, 1964	4	4	30	26	"	D, S	Topsoil 2; sand 6; yellow clay 12; blue clay 53; hardpan 94; gravel 95; shale 96. Water at 94.
Con X	" 20	G. Lucas	"	Jan. 18, 1964	4						Brown sand 6; gummy grey clay 51; blue shale 55. Dry hole.
Con X	" 20	Dresden Produce	"	July 7, 1966	4	1	54	35	"	C	Topsoil 2; red clay 9; quicksand 9; clay 40; hardpan 47; loose shale gravel 54; black shale 63. Water at 52.
Con X	" 20	S. Highgate	R. Simpson	Mar. 21, 1967	4	4	40	25	"	D, S	Topsoil 2; sand 6; yellow clay 12; blue clay 53; hardpan 94; gravel 95; shale 96. Water at 94.
Con XI	" 16	F. Kys	Hadco Well Digging Ltd. R. Simpson	June 8, 1965	4						Brown sand 6; gummy grey clay 51; blue shale 55. Dry hole.
Con XI	" 16	"	"	July 19, 1965	4						Topsoil 2; yellow clay 10; blue clay 52; soft grey black shale 54. Dry hole.
Con XI	" 16	"	"	July 20, 1965	4						Topsoil 2; yellow clay 10; blue clay 52; black grey shale 56. Dry hole.
Con XI	" 16	"	"	July 21, 1965	4	½	50	11	Fresh	N	Topsoil 2; yellow clay 10; blue clay 51; black grey shale 53. Water at 51.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
KENT COUNTY - cont.										
Chatham Twp. -cont.										
Con XII lot	G.Lusk	H.Simpson	July 4,1966	4	4	25	10	Fresh	D	Topsoil 2;blue clay 49;black shale 53. Water at 49.
Con XII	"	"	July 3,1966	4						Topsoil 2;blue clay 49;black shale 53. Dry hole.
Con XII	"	"	July 2,1966	4						Topsoil 2;blue clay 49;black shale 52. Dry hole.
Con XII	O.Goetheyn	"	Sep.24,1966	4	2	60	20	Fresh	D,S	Topsoil 3;blue clay 52;hardpan 65;soft grey black shale 85. Water at 65.
Con XII	"	"	June15,1967	7						Topsoil 4;yellow clay 7;blue clay 60;black shale 62. Dry hole.
Con XIII	"	"	June17,1967	7						Topsoil 2;yellow clay 5;blue clay 60;black shale 62. Dry hole.
Con XIII	Cannors	"	June18,1967	7						Topsoil 2;yellow clay 5;blue clay 60;black shale 61. Dry hole.
Con XIII	"	"	June19,1967	7	4	30	28	Fresh	N	Topsoil 2;yellow clay 5;blue clay 60;black shale 60;black shale 62. Water at 59.
Con XIII	"	"	June20,1967	7	4	30	28	Fresh	N	Topsoil 2;yellow clay 5;blue clay 60;black shale 60;black shale 62. Water at 59.
Con XIII	"	"	July 3,1967	7	5	30	2	"	N	Topsoil 5;quicksand 7;blue clay 61;black shale. Dry hole.
Con XIII	"	"	July 4,1967	4	2	60	12	"	N	Topsoil 1;yellow clay 7;blue clay 59;loose shale gravel 60; black shale 61. Water at 59.
Con XIII	"	"	July 5,1967	4	2	60	12	"	N	Topsoil 1;yellow clay 7;blue clay 59;black shale 61. Water at 59.
Con XIII	"	"	June30,1967	4	4	30	26	"	N	Topsoil 2;yellow clay 5;blue clay 59;muddy sand 61; grey black shale 62. Water at 59.
Con XIII	"	"	July 5,1967	4	4	40	28	"	N	Topsoil 1;yellow clay 7;blue clay 60;hardpan muddy sand 63; black shale 65. Water at 64.
Con XIII	"	"	July 7,1967	4	4	44	28	"	N	Topsoil 1;yellow clay 7;blue clay 60;black shale 62. Water at 61.
Con XIII	"	"	July 8,1967	4						Topsoil 2;yellow sand 5;quicksand 7;blue clay 60;black shale 61. Dry hole.
Con XIII	"	"	July10,1967	4	6	30	12	Fresh	D	Topsoil 2;yellow clay 7;blue clay 59;loose shale gravel 60; grey black shale 61. Water at 59.
Con XIII	F.Tiffin	"	Nov.15,1966	4						Topsoil 2;yellow clay 6;blue clay 52;soft grey black shale 56. Dry hole.
Con XIII	"	"	Nov. 4,1966	4	4	24	16	Fresh	N	Topsoil 2;yellow clay 7;blue clay 52;soft grey black shale 54. Water from 52 to 54.
Con XIV	M.DeClark	H.McDonald	May29, 1965	4						Topsoil 2;brown clay 20;blue clay 60;hard gravel 68;black shale 80. Dry hole.
Con XIV	"	"	May 31,1965	4	5	32	20	Fresh	D,S	Topsoil 2;brown clay 20;blue clay 60;gravel 64;black shale 65. Water from 60 to 64.
Con XIV	A.Denys	"	Aug. 3,1965	4	5	30	23	"	D,S	Topsoil 2;brown clay 22;blue clay 63;gravel 64;black shale 65. Water at 63.
Con XV	R.Leeson	Wades'	Feb. 3,1966	4						Yellow clay 8;grey clay 63;hardpan 65;black shale 85. Dry hole.
Con XV	"	"	Feb. 5,1966	4						Yellow clay 8;grey clay 63;hardpan 65;gas sand black shale 80. Dry hole.
Con XV	"	"	Feb. 8,1966	4						Dark clay 2;sand 6;grey clay 63;sand muck 67;black shale 85. Dry hole. Natural gas.
Con XVI	B.Powell	H.McDonald	Oct.14,1965							Topsoil 2;brown clay 20;blue clay 65;gravel sand 67;black shale 70. Dry hole.
Con XVI	"	"	Oct.16,1965	4	4	18	12	Fresh	D	Topsoil 2;brown clay 20;blue clay 64;gravel 66;black shale 68. Water at 64.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
<p>KENT COUNTY - cont. Chatham Twp. - cont.</p>										
Con II Gore # 16	G. Morrow	H. McDonald	July 13, 1964	4						Topsoil 2; brown clay 22; blue clay 67; gravel 68; black shale 70. Dry hole.
Con II Gore # 16	"	"	July 17, 1964	4	5	21	19	Fresh	D	Topsoil 2; brown clay 20; blue clay 67; gravel 69; black shale 70. Water at 67.
Con II Gore # 16	J. Patski	"	Aug. 17, 1964	4	8	85	25	"	N	Topsoil 2; brown clay 20; blue clay 70; gravel 75; black shale 85. Water from 70 to 75.
Con II Gore # 16	"	"	Aug. 27, 1964	4	3	64	25	"	D	Topsoil 2; brown clay 20; blue clay 70; gravel 75 to 84. Water at 75.
Con II Gore # 16	J. Polovak	"	Mar. 14, 1967	4	5	40	20	"	D	Topsoil 2; brown clay 22; blue clay 77; gravel 78; black shale 79. Water at 77.
Con II Gore # 17	J. Crowe	"	Apr. 16, 1966	4	5	35	22	"	D	Topsoil 2; brown clay 22; blue clay 74; gravel 75; black shale 76. Water from 74 to 75.
Con II Gore # 17	J. Anderson	"	May 21, 1967	4	5	50	40	"	N	Topsoil 2; brown clay 12; quicksand 13; blue clay 75; gravel clay 76; black shale 78. Water at 75.
Con II Gore # 17	"	"	May 24, 1967	4	4	50	35	"	N	Topsoil 2; brown clay 15; blue clay 76; gravel clay 77; black shale 79. Water at 76.
Con II Gore # 17	"	"	May 26, 1967	4	5	60	35	"	N	Topsoil 2; brown clay 15; blue clay 75; gravel silt 77; black shale 78. Water at 75.
Con II Gore # 17	"	"	May 30, 1967	4	5	60	40	"	N	Topsoil 2; brown clay 15; blue clay 74; gravel silt 75; black shale 76. Water at 75.
Con II Gore # 17	"	"	June 3, 1967	4	4	65	40	"	N	Topsoil 2; brown clay 15; blue clay 74; gravel clay 75; black shale 78. Water at 75.
Con II Gore # 17	"	"	May 12, 1965	4	4	67	12	"	D, S	Topsoil 2; brown clay 18; blue clay 71; gravel 72; black shale 77. Water at 71.
Con II Gore # 21	R. Weatherstone	"	June 10, 1964	4	5	15	10	"	D	Topsoil 2; brown clay 20; blue clay 67; gravel 68; black shale 70. Water at 67.
Con II Gore # 22	J. Mickle	"	Nov. 18, 1964	4	7	14	8	"	D	Topsoil 2; brown clay 20; blue clay 57; gravel 60; black shale 63. Water at 57.
Con II Gore # 25	G. Meloche	"	May 3, 1967	4	6	15	11	"	C	Fill 2; dark clay 4; yellow clay sand 10; grey clay 54; hardpan 56; black shale 70. Water at 56.
Con II Gore # 27	Tupperville Equipment Ltd. G. Weston	D. Wade	May 23, 1967	4	4	22	20	"	D	Topsoil 2; brown clay 20; blue clay 54; gravel 56; black shale 58. Water at 54.
Con II Gore # 28	H. Shaw	R. Simpson	July 28, 1964	4	4	30	23	"	D	Dug well 15; blue clay 56; loose shale 57. Water at 56.
Con II Gore # 28	B. Perry	Wades'	Dec. 8, 1965	4	2	17	11	"	D	Sand 5; quicksand 8; yellow clay 12; grey clay 50; hardpan 63; black shale 70. Water at 67.
Con III Gore # A	A. Vryburg	"	Sep. 18, 1967	4	7	20	13	"	D	Sand 8; grey clay 12; hardpan 126; black shale 128. Water at 127.
Con III Gore # 18	O. McCreary	H. McDonald	Aug. 12, 1965	4	5	15	12	"	D	Topsoil 2; brown clay 10; quicksand 12; blue clay 71; gravel 73; black shale 75. Water at 71.
Con III Gore # 20	L. Pettinger	Wades'	Apr. 16, 1966	4	8	24	13	"	D	Sand 4; quicksand 6; grey clay 64; hardpan 66; black shale 75. Water at 68.
Con III Gore # 20	G. McCreary	H. McDonald	Nov. 2, 1965	4	5	10	8	"	D	Topsoil 2; brown clay 16; blue clay 64; gravel 65; grey shale 67. Water at 65.
Con III Gore # 20	H. McDonald	"	Apr. 18, 1967	4	10	14	11	"	D	Topsoil 2; brown clay 20; blue clay 63; gravel 65; black shale 68. Water at 63.
Con III Gore # 22	H. Richmond	"	Aug. 14, 1964	4				"		Topsoil 3; brown clay 22; blue clay 70; gravel 72; black shale 75. Dry hole.



KENT COUNTY - cont.  
Chatham Twp. - cont.

Con III Gore	lot 22	H. Richmond	H. McDonald	Aug. 16, 1964	4	5	25	15	Fresh	D, S	Topsoil 2; brown clay 23; blue clay 70; gravel 72; black shale 75. Water at 72.
Con III Gore	" 22	"	"	June 24, 1965	4	4	18	12	"	D, S	Topsoil 2; brown clay 18; blue clay 69; gravel 71; black shale 74. Water at 69.
Coh III Gore	" 22	"	"	Oct. 27, 1966	4						Topsoil 2; brown clay 20; blue clay 65; black shale 100. Dry hole.
Con III Gore	" 23	W. Brewer	"	Mar. 15, 1965	4	5	23	18	Fresh	D	Topsoil 2; brown clay 12; quicksand 14; blue clay 66; gravel 68; black shale 72. Water at 66.
Con III Gore	" 25	C. Lindsey	"	July 2, 1966	4	12	15	12	"	D, S	Topsoil 2; brown clay 18; blue clay 65; gravel 67; black shale 68. Water at 65.
Con III Gore	" 30	W. Craig	R. Simpson	May 8, 1966	4						Topsoil 3; yellow clay 7; blue clay 52; soft grey black shale 56. Dry hole.
Con III Gore	" 30	"	"	May 8, 1966	4	3	28	9	Fresh	D	Topsoil 3; yellow clay 7; blue clay 52; grey black shale 55. Water at 52.
Con III Gore	" 30	"	"	May 5, 1966	4						Topsoil 3; yellow clay 7; blue clay 52; grey black shale 55. Dry hole.
Con III Gore	" B	T. Lane	V. Conlon & Son	Feb. 28, 1964	3						Topsoil 2; blue clay 126; hardpan 134; silty sand gravel 135; fine silty black sand 142. Dry hole.
Con III Gore	" B	"	"	May 5, 1964	3	4	22	17	Fresh	D	Topsoil 2; blue clay 126; hardpan 130; fine gravel 132. Water at 130.
Con III Gore	" B	J. Benedict	"	Aug. 27, 1966	2	2	25	14	"	D	Light clay 6; quicksand 10; clay 131; fine sand fine gravel 134. Water at 133.
Con III Gore	" B	J. Murphy	"	July 4, 1967	3	3	20	10	"	D	Sand clay 5; quicksand 10; blue clay 131; fine sand gravel 132½. Water at 132.
Con III Gore	" 4	W. Bart	"	Oct. 7, 1966	4	4	30	20	"	D, S	Surface soil 3; blue clay 119; fine sand gravel 121. Water at 121.
Con III Gore	" 10	J. Johnston	H. McDonald	May 7, 1965	4	4	10	8	"	D	Topsoil 2; brown clay 18; blue clay 78; gravel 80; black shale 83. Water at 78.
Con III Gore	" 13	L. Hagen	Wades'	Apr. 24, 1964	4	6	15	15	"	D	Yellow clay 6; grey clay 74; gravel sand 72. Water at 72.
Con III Gore	" 13	J. Bosso	V. Conlon	Sep. 8, 1967	4	3	20	17	"	D, S	Surface 3; brown clay 10; blue clay 59; fine sand gravel 61. Water at 61.
Con IV Gore	" 19	D. Crowe	C. & M. Johnston	July 10, 1965	10	5	30	17	"	D, S	Topsoil 1; clay 7; blue clay 21; blue clay stones 72; loose black shale gravel 73; black shale 74. Water from 72 to 73.
Con IV Gore	" 25	R. Crombie	H. McDonald	June 21, 1965	4	15	8	5	"	D, S	Topsoil 2; brown clay 18; blue clay 57; gravel 59; black shale 60. Water at 57.
Con IV Gore	" 27	F. Johnston	"	Oct. 1, 1964	4	5	11	8	"	D, S	Topsoil 2; brown clay 15; blue clay 56; gravel 57; black shale 58. Water at 56.
Dover Twp.	lot 2	M. Coggie	V. Conlon	June 20, 1967	2	3	25	14	Fresh	D	Black muck 4; quicksand 9; clay 88; fine sand gravel 90. Water at 89.
BRE	" 14	G. Parry	Hacco Well Digging Ltd.	Nov. 8, 1966	30	3	40	8	"	D, S	Topsoil 1; brown clay 4; brown sand 6; blue sand 11; blue clay 40. Water at 8.
BRE	" 15	M. Hind	D. Lecuyer	May 24, 1967	4	3	48	12	"	D	Clay 8; sand 10; soft clay 60; coarse sandy shale 63; fine sandy shale 65; black shale 66. Water at 65.
BRE	" 18	L. Montgomery	D. Simpson	Aug. 29, 1967	7	2	50	28	"	D, S	Topsoil 1; clay 11; quicksand 12; blue clay 57; gravel loose shale 58; black shale 60. Water at 57.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
KENT COUNTY - cont.										(Depths to which formations extend below the surface are given in feet)
Dover Twp. - cont.										
BRE lot 41	R.Haviland	O.Lecuyer	June 15, 1965	4	60	50	20	Fresh	D	Red sand 15; soft clay 75; hardpan 78; sand 79. Water at 79.
BRW " 3	E.Vanoverbeke	D.Lecuyer	Oct. 20, 1967	4						Clay 12; sand 14; clay 62; gravel loose shale 64; hard black rock 70. Dry hole.
BRW " 3	"	"	Dec. 2, 1967	4	2 1/2	55	15	Fresh	D	Clay 13; sand 18; soft clay 62; sandy shale 63; black hard shale 64. Water at 63.
BRW " 17	J.King	R.Pinsonneault	Apr. 7, 1965	5	16	22	18 1/2	"	D, S	Topsoil 3; yellow clay 14; blue clay 60; clay pebbles 66; broken shale 67; shale 68. Water at 66.
BRW " 31	B.Hansor	O.Lecuyer	June 15, 1965	4	6 1/2	25	15	"	D	Red sand 10; soft clay 60; brown shale 62. Water at 62.
BRW " 36	D.Rose	H.McDonald	Sep. 11, 1965	4						Topsoil 1; brown clay 20; blue clay 67; grey shale 85. Dry hole.
BRW " 36	"	Hadoo Well Digging Ltd.	Oct. 25, 1965	30	1		55	"	D	Topsoil 1; clay loam 2; blue clay 6; brown sand gravel 10; blue clay 66; grey black fine gravel 68. Water at 66.
BRW " 44	J.Mindgaizen	H.McDonald	Dec. 17, 1964	4	5	19	17	"	D	Topsoil 2; brown clay 20; blue clay 76; gravel 78; black shale 80. Water at 76.
BRW " 44	"	"	Apr. 13, 1965	4	5	12	8	"	D, S	Topsoil 2; brown clay 5; quicksand 7; blue clay 73; gravel 75; black shale 76. Water from 73 to 75.
ED Con I " 12	S.Wennecott	N.Johnston	Sep. 29, 1967	4						Topsoil 2; clay 12; blue clay 45; sand clay stones 60; fine sand 62; shale 65. Dry hole.
ED Con I " 12	"	"	Oct. 3, 1967	4						Topsoil 2; clay 12; blue clay 45; sand clay stones 57; fine sand 59; shale 65. Dry hole.
ED Con I " 12	"	"	Oct. 6, 1967	4						Topsoil 2; clay 12; blue clay 45; sand clay stones 61; fine sand 62; shale 65. Dry hole.
ED Con I " 15	J.Peel	G.Rice	Mar. 12, 1964	4						Yellow sand 10; blue mud 55; sand mud mixed 63; black shale 66. Dry hole.
ED Con I " 15	"	"	Mar. 20, 1964	4						Yellow sand 10; blue mud 55; sand mud mixed 60; black shale 63. Dry hole.
ED Con I " 16	F.Goudreau	O.Lecuyer	July 15, 1967	4	3	35	15	Fresh	D	Red clay 12; soft blue clay 55; sand gravel 57. Water at 57.
ED Con I " 17	D.Springer	G.Rice	Apr. 11, 1964	4						Yellow sand 10; blue mud 57; sand mud mixed 64; black shale 68. Dry hole.
ED Con I " 17	C.Delrue	Hadoo Water Well	Feb. 9, 1965	5 1/2	1	40	9	Fresh	D	Soft clay 54; hard clay 58; coal 62; carbonated shale 65; black rock 80. Water from 62 to 65.
ED Con I " 17	"	"	Feb. 18, 1965	5 1/2	1	40	28	"	D	Soft clay 54; hard clay 58; carbonated shale 63; trace gravel 64. Water from 63 to 64.
ED Con I lot 17	C.Delrue	W.Marsh	Apr. 3, 1965	6 1/2	15	40	30	Fresh	D	Topsoil 1; salt clay 64; fine grey sand 65; black shale 77; grey shale 92. Water at 64.
ED Con I lot 18	A.Pemont	N.Johnston	Apr. 23, 1966	4						Yellow sandy clay 13; sand 15; blue clay 45; blue clay stones 58; fine sand gravel 63; shale 63 1/2. Casing pulled - fine sand; dry hole.
ED Con I " 18	"	"	Apr. 29, 1966	4	3	50	25	Fresh	D	Yellow sandy clay 13; sand 15; blue clay 45; blue clay stones 60; gravel 63; shale 63 1/2. Water from 60 to 63.
ED Con I " 18	A.Harte	"	May 3, 1966	4	3	50	25	"	D	Yellow sandy clay 13; sand 15; blue clay 45; blue clay stones 62; gravel 63; shale 68. Water from 62 to 63.
ED Con I " 19	A.Mast	D.Lecuyer	July 24, 1967	4	4	40	24	"	D	Clay 7; sand 16; clay 20; sand 25; clay 55; gravel clay 64; sand 66; sandy black shale 67; black hard shale 68. Water at 68 and 72.
ED Con II " 3	H.Jubenville	C.&M.Johnston	Sep. 24, 1966	7						Clay 1; fine sand 17; clay 37; clay shale 42; clay 72; fine sand 96; soapstone 98. Dry hole.
ED Con II " 4	R.Peltier	"	Apr. 10, 1965	7	1	28	12	Fresh	N	Surface 1; clay 11; sand 14; clay 40; clay small stones 48; sand 66; gravel 60; top rock. Water from 66 to 69.
ED Con II " 4	"	"	Apr. 15, 1965	7						Surface 1; clay 12; sand 14; clay 45; clay small stone 53; clay 58; sand 71; gravel sand 73; top rock 77. Dry hole.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
KENT COUNTY - cont.										
Dover Twp. - cont.										
ED Con III lot 13	W. Pinsonneault	D. Simpson	Apr. 2, 1965	4	5	18	16	Fresh	D	Topsoil 1; red clay 7; blue clay 54; hardpan 66; gravel 76; blue shale 77. Water at 86.
ED Con III	Shell Canada Ltd.	D. Leuyer	Oct. 14, 1967	4	2½	50	13	"	C	Clay 10; sand 14; soft clay 61; clay pebbles 63; loose sandy shale 64½; black soft shale 67. Water at 66.
ED Con IV	B. Jubenville	M. Johnston	June 6, 1967	4	5	12	8	"	D	Topsoil 1; blue clay 25; sand blue clay stones 61; fine gravel 64; coarse gravel 65. Water from 61 to 65.
ED Con IV	A. Ovellette	D. Simpson	May 31, 1965	4	10	12	10	"	D	Topsoil 1; clay 50; sand 55; streaks sand clay 63; gravel 68; black shale 69. Water at 65.
ED Con V	J. Pinsonneault	"	May 8, 1965	4	6	30	12	"	D	Topsoil 1; clay 49; streaks clay hardpan 65; gravel 67; grey shale 68. Water at 65.
ED Con V	P. Pinsonneault	"	Dec. 23, 1964	7	8	20	17	"	In	Topsoil 1; clay 50; gravel 59; hardpan 64. Water at 58.
ED Con V	L. Laprise	R. Pinsonneault	Oct. 20, 1964	4	2	?	25	"	N	Topsoil 1; yellow clay 1; brown clay 64; black clay 66; sand gravel silt 67; shale 68. Abandoned due to silt, gas.
ED Con V	G. Szucs	Hadco Well Digging Ltd.	Dec. 2, 1964	30						Sandy clay 30. Dry hole.
ED Con V	J. King	D. Leuyer	Dec. 11, 1967	4	5	15	13	Fresh	D	Sand 18; clay 62; clay pebbles 64; heavy fine sand 67½; medium sand 69; sandy shale 70; black hard shale 71. Water at 70.
ED Con V	N. Belanger	"	Nov. 12, 1964	4	7	17½	17½	"	D	Clay 1; sand clay 14; clay 64; clay boulders pebbles 69; sandy shale 71; black hard shale 71½. Water at 69 and 71½.
ED Con V	J. Smith	"	Dec. 6, 1967	4	4	10	9	"	D	Clay 3; sand 16; soft clay 60; clay pebbles 63; sandy shale 64; black hard shale 65. Water at 64.
ED Con VI	H. Klinard	D. Simpson	Dec. 29, 1964	4	5	30	9	"	D, S	Topsoil 1; yellow sand 3; clay 10; quicksand 11; clay 50; hardpan 70; sand 71; sandy gravel 79; hardpan 82. Water at 70.
ED Con VI	G. Klein	"	Jan. 9, 1965	4	1½	45	9	Sulphur	D	Topsoil 1; yellow sand 5; clay 44; hardpan 72; gravel 73; grey limestone 74. Water at 72.
ED Con VI	S. Czarnecki	"	Jan. 5, 1965	4	1	40	8	Fresh	D	Topsoil 1; yellow sand 5; clay 55; hardpan 65; gravel 66; black shale 70. Water at 65.
ED Con VI	H. Dutka	"	Jan. 12, 1965	4						Topsoil 1; clay 54; hardpan 61; black shale 65. Dry hole.
ED Con VI	"	"	Jan. 14, 1965	4						Topsoil 1; clay 55; hardpan 60; black shale 68. Dry hole.
ED Con VI	"	"	Jan. 16, 1965	4						Topsoil 1; clay 53; hardpan 62; black shale. Dry hole.
ED Con VI	"	"	Jan. 18, 1965	4						Topsoil 1; clay 53; hardpan 63; black shale 68. Dry hole.
ED Con VI	"	"	Jan. 23, 1965	4						Topsoil 1; clay 52; hardpan 63; black shale 72. Dry hole.
ED Con VI	"	"	Feb. 2, 1965	4						Topsoil 1; clay 54; hardpan 62; black shale 65. Dry hole.
ED Con VI	"	"	Feb. 6, 1965	4						Topsoil 1; clay 54; hardpan 61; black shale 62. Dry hole.
ED Con VI	"	"	Sep. 9, 1965	6½	3	60	12	Fresh	D	Topsoil 2; clay silt 54; sand gravel 63; black shale 64. Water at 55.
ED Con VI	"	"	May 26, 1966	30	4	53	40	"	D	Topsoil 1; brown clay 7; blue clay 50; blue sand 51; blue clay 52; brown sand 53; rock. Water at 52.
ED Con VI	O. Couture	Hadco Well Digging Ltd.	June 1, 1964	4						Brick well 5; sand 19; blue clay 59; gravel 60; shale 65. Dry hole.
ED Con VI	"	"	June 9, 1964	4						Surface 1; sand 19; blue clay 59; gravel 60; shale 62. Dry hole.
ED Con VI	"	"	Sep. 12, 1964	4	2	45	14	Fresh	N	Topsoil 4; blue clay 60; black shale 61. Water at 60.
ED Con VI	"	R. Simpson	Jan. 28, 1965	4	4	33	13	"	D, S	Topsoil 1; clay 55; hardpan 62; gravel 63; black shale 70. Water at 62.
ED Con VI	"	C&M Johnston	June 16, 1964	7	1	25	15	"	D, S	Surface 1; sand 15; blue clay 58; gravel 59; fine sand 61; shale 63. Water from 59 to 61.
ED Con VI	"	"	Jan. 29, 1965	5½	½	90	65	Oily	N	Clay 68; black rock 90; green rock 92. Water from 90 to 92.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Dever Twp. - cont.										
ED Con VIII lot 12	N. Benoit	R. Pinsomeault	Sep. 8, 1966	4	3	22	16	Fresh	D	Topsoil 8; sand 12; blue clay 64; shale 69. Dry hole.
ED Con VIII	"	"	Sep. 12, 1966	4	4	20	12	"	D	Topsoil 8; sand 12; blue clay 64; soft shale 71. Water at 71.
ED Con VIII	O. Cartier	O. Lecuyer	Aug. 15, 1965	4	4	22	15	"	D, S	Red sand 10; soft clay 58; gravel 60. Water at 58.
ED Con VIII	B. Asher	R. Simpson	Sep. 18, 1965	4	4	22	15	"	D, S	Topsoil 2; yellow clay 12; blue clay 63; loose shale gravel 64; black shale 65. Water at 63.
ED Con VIII	"	"	Sep. 20, 1965	4	4	22	15	"	D, S	Topsoil 2; yellow clay 12; blue clay 63; loose shale gravel 64; black shale 66. Water at 63.
ED Con IX	L. Pinsomeault	R. Pinsomeault	May 7, 1967	4	1 1/2	60	14	Fresh	N	Sand 8; blue clay 64; loose shale 66; shale 68. Water from 66 to 68.
ED Con IX	"	"	May 15, 1967	4	2	23	14	"	D	Sand 8; blue clay 64; loose shale 66; shale 68. Water at 66.
ED Con IX	S. Griffore	O. Lecuyer	Feb. 1, 1964	4	1 1/2	65	10	"	D	Red sand 10; blue clay 22; fine sand 48; clay 56; gravel 58. Water from 57 to 58.
ED Con IX	R. Miller	C&M Johnston	July 31, 1965	4	2	12	8	"	D	Sandy clay 8; clay 22; fine sand 48; clay 56; gravel 58. Water from 57 to 58.
ED Con X	B. McPhail	O. Lecuyer	Apr. 29, 1965	4	7 1/2	30	15	"	D	Red sand 15; soft blue clay 56; sand gravel 58. Water at 57.
ED Con X	G. Cammert	R. Pinsomeault	Oct. 16, 1964	4	6	20	15	"	D	Topsoil 3; yellow clay 8; quicksand 12; brown clay 54; shale 75; limestone. Dry hole.
ED Con X	R. Anderson	H. McDonald	Nov. 4, 1964	4	5	34	18	"	D	Topsoil 2; brown clay 15; blue clay 57; gravel 59; black shale 60. Water at 57.
ED Con X	K. Henderson	D. Simpson	Aug. 8, 1966	4	4	39	18	"	D	Topsoil 1; clay 5; hardpan 12; blue clay 60; sand gravel 64 1/2. Water at 60.
ED Con X	J. Henderson	"	Aug. 9, 1966	4	4	40	18	"	D	Topsoil 1; red clay 6; blue clay 59; gravel loose shale 61 1/2; black shale 63. Water at 59.
ED Con XI	J. Profota	R. Simpson	Sep. 8, 1964	4	4	40	18	Fresh	N	Topsoil 7; blue clay 61; black shale. Dry hole.
ED Con XI	"	"	Sep. 10, 1964	4	4	40	18	"	N	Topsoil 6; blue clay 62; black shale 68. Water at 62.
ED Con XI	E. Bechard	"	Sep. 10, 1964	4	3	40	18	"	N	Topsoil 4; blue clay 61; black shale 62. Water at 61.
ED Con XI	"	"	Sep. 14, 1964	4	3	45	18	"	D	Topsoil 4; blue clay 61; black shale fine sand 62. Water at 61.
ED Con XI	D. Laramie	"	Oct. 15, 1964	4	4	20	12	"	N	Topsoil 3; blue clay 62; black shale 63. Water at 62.
ED Con XI	R. Nowak	"	June 8, 1966	4	4	18	12	"	N	Topsoil 4; clay 14; fine sand 16; blue clay 62; muddy fine sand 63; grey limestone 65. Water from 14 to 16 and from 62 to 63.
ED Con XI	"	"	June 11, 1966	4	4	18	12	"	N	Topsoil 4; blue clay 62; muddy fine sand 63; grey limestone 66. Water at 62.
ED Con XI	"	"	June 15, 1966	4	5	20	12	"	D	Topsoil 4; blue clay 62; sand 63; grey limestone 64. Water from 62 to 63.
ED Con XI	R. VenDermerg	"	July 8, 1965	7	4	22	15	"	D	Clay 4; sand 6; grey clay 64; grey sand 66; grey limestone 71. Water at 70.
ED Con XI	E. Mailoux	O. Lecuyer	July 1, 1966	4	1 1/2	40	18	"	D	Black mud 5; sand 15; soft clay 63; sand gravel 64. Water at 63 and 64.
ED Con XI	H. Dozom	"	July 3, 1966	4	2	40	18	"	D	Black mud 5; red clay sand 15; soft clay 60; hardpan 63; sand gravel 64. Water from 63 to 64.
ED Con XI	B. Salenblen	"	July 1, 1967	4	3	30	12	"	D, S	Red sand 12; soft clay 55; hardpan 58; sand gravel 60. Water at 60.
ED Con XII	C. Black	D. Simpson	May 7, 1964	4	4	40	6	Salty	D	Clay 67; sand gravel 68. Water at 67.
ED Con XII	W. DeKoning	E. McDonald	Sep. 10, 1964	4	4	18	12	"	D	Topsoil 2; brown clay 18; blue clay 66; black shale 75. Dry hole.
ED Con XII	"	"	Sep. 11, 1964	4	5	18	12	"	D	Topsoil 2; brown clay 20; blue clay 65; black shale 74. Dry hole.
ED Con XII	"	"	Sep. 15, 1964	4	5	18	12	"	D	Topsoil 2; brown clay 20; blue clay 64; gravel 66; black shale. Water at 64.



KENT COUNTY - cont.  
Dover Twp. - cont.

EDT COUNTY - cont.														
ED	Con XII	Lot	12	Twp. of Dover	O. Leuwyer	Mar. 6, 1966	4						T	Top black clay 1; hard white clay 18; soft blue clay 62; white rock. Dry hole.
ED	Con XII	"	12	"	"	Mar. 8, 1966	4						T	Top black clay 1; hard white clay 18; soft blue clay 62; white rock. Dry hole.
ED	Con XII	"	12	"	"	Mar. 10, 1966	4						T	Top black clay 1; hard white clay 18; soft blue clay 62; white rock. Dry hole.
ED	Con XII	"	12	"	"	June 1, 1966	4	12	20	9	Fresh	P	Black muck 2; sand 5; hard clay 15; soft clay 63; gravel 64.	
ED	Con XII	"	12	"	"	June 5, 1966	4	15	20	9	"	P	Black muck 2; sand 5; hard clay 15; soft clay 62; sand gravel 64. Water from 62 to 64.	
ED	Con XII	"	12	"	"	June 15, 1966	4	20	14	9	"	P	Black muck 2; sand 5; hard clay 15; soft clay 63; gravel 64. Water from 63 to 64.	
ED	Con XII	"	13	B. Dunlop	"	June 19, 1966	4	8	21	16	"	S	Black muck 1; fine red sand 6; hard blue clay 15; soft blue clay 63; coarse gravel 64. Water from 63 to 64.	
ED	Con XV	"	14	H. Ford II	H. McDonald	July 29, 1965	4	20	12	7	"	P	Topsoil 2; brown clay 15; blue clay 72; gravel 74; grey shale 75. Water at 72.	
ED	Con XVII	"	43	W. Welch	Wade's	Mar. 2, 1967	4							Dark clay 2; yellow clay sand 5; sand 8; grey clay 73; hardpan 77; black shale 90. Dry hole.
ED	Con XVII	"	43	"	"	Mar. 4, 1967	4	1	84	15	Fresh	D	Dark clay 2; yellow clay sand 4; sand 8; yellow clay 15; grey clay 73; hardpan 80; black shale 84. Water at 81.	
WD	Con I	"	1	S. Bennett	C&M Johnston	Apr. 25, 1964	7							Surface 1; sand clay 8; clay 38; clay stones 70; sand 78; clay 98; soapstone 99. Dry hole.
WD	Con I	"	1	"	"	May 2, 1964	7	5	13	10	"	D	Surface 1; sand clay 8; clay 38; clay stone 70; sand 74; gravel 75; shale. Water from 74 to 75.	
WD	Con III	"	7	B. Bradley	"	Mar. 30, 1965	7							Sand 5; gravel 6; sand 9; clay 12; sand 18; blue clay 86; gravel 864; blue clay 90; gravel 904; blue clay 105; soapstone. Dry hole.
Dresden, Town														
				J. Latimer	D. Simpson	May 22, 1964	4	4	41	29	Fresh	D	Topsoil 2; clay 39; hardpan 67; gravel 72; black shale 734. Water at 67.	
				L. Lekavy	D. Wade	Aug. 1, 1964	4	1	75	23	"	D	Sand 8; grey clay 44; hardpan 58; black shale 75. Water at 60.	
				H. McKim	D. Simpson	Aug. 20, 1964	4	4	44	33	"	D	Topsoil 2; red sand 8; clay 42; hardpan 69; loose shale gravel 73; black shale 79. Water at 69.	
				Dresden Boat Club	R. Tyhurst	May 1, 1965	4	5	20	5	"	P	Blue clay 15; hardpan 18; sand 23. Water at 18.	
				H. Ellis	D. Simpson	Apr. 16, 1966	4	2	45	32	"	D	Topsoil 2; clay 40; hardpan 56; loose shale gravel 61; black shale 63. Water from 56 to 61.	
				L. Richardson	"	Oct. 12, 1966								Topsoil 2; clay 43; sand 47; hardpan 62; black shale 72. Dry hole.
Erieau, Village														
				R. Warwick	Hadoo Well Digging	May 1, 1964	30	2		4	Fresh	D	Loam 1; sand gravel fill 3; sand 6; gravel 12; green clay 13; gravel 14. Water at 6.	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)	
KENT COUNTY -cont.												
CRE Con I	lot 2	B. Huffman	E. Rumble	June 5, 1965	4							Clay loam 4;sand 18;gritty grey clay 128;blue shale with streaks of black shale 185. Dry hole.
CRE Con I	"	"	G. Galbreath	July 18, 1960	4	2	25	33	Fresh	D,S		Surface 3;grey clay 14;sand 16;grey clay 90;pink clay 118; soapstone 122;blue shale 127. Water from 122 to 127.
CRE Con I	"	"	E.&J. Rumble	Jan. 15, 1966	4							Sandy clay loam 7;blue clay 119;sand 121;blue shale 140;black slate 160. Dry hole.
CRE Con I	"	Blenheim Community Golf	W. Marsh	Apr. 20, 1966	6½	12	110	60	Fresh	P		Loam gravel 7;clay stones 55;silt clay small stones 123;gravel clay silt 132;gravel coarse sand 141;black shale 113. Water from 125 to 140.
CRE Con I	"	Mallory Produce Ltd.	Mandley Drlg. Ltd	Feb. 3, 1967	10	20	120	100	"	C		Clay 20;sand 25;clay 145;black shale gravel 152;black shale limestone 185. Water from 151 to 152.
CRE Con I	"	"	"	Jan. 12, 1967	8	1	120	100	"	C		Clay 20;sand 25;clay 146;black shale gravel 153. Water at 153.
CRE Con I	"	"	"	Dec. 18, 1967	8	3	150	150	Sulphur	N		Clay sand gravel 20;clay 153;rock 169. Water at 167.
CRE Con I	"	G. Meredith	W. Marsh	Aug. 9, 1967	5	6	90	29	Fresh	N		Red sand 10;clay silt 30;clay 40;hardpan 54;gravel 69;hardpan 89;gravel 100;black shale 101. Water from 50 to 69 and at 101.
CRE Con I	"	H. Danforth	E. Rumble	Apr. 15, 1964	4	6	85	72	Fresh	D,S		Black loam 3;yellow clay 15;gritty grey clay 102;sand gravel 105;gravel clay hardpan 122;sand gravel 127;black slate 127½. Water from 122 to 127.
CRE Con II	"	Blenheim PUC	International Water Supply Ltd.	Feb. 1, 1967						T		Sandy clay 3;sand gravel 10;clay 98;soft clay sand shale 178; 1-67broken shale 182;hard shale 186. Dry hole.
CRW Con I	"	A. VanDerPoole	E.&J. Rumble	July 15, 1965	4	5	140	75	Fresh	D,S		Sandy loam 20;fine grey sand 50;blue clay 130;blue shale 146. Water at 143.
CRW Con I	"	R. Holmes	"	Dec. 10, 1965	4	1	130	65	"	D		Blue clay 116;sand gravel hardpan 131;black slate 150. Water at 131.
CRW Con I	"	B. Shepherd & L. Goodwin	"	Oct. 17, 1964	4	6	155	142	"	D		Gravel 18;blue clay 183;gravel 193;slate. Water at 193.
CRW Con I	"	P. Jackson	"	May 20, 1967	4	10	40	30	"	D		Loam 4;grey clay pebbles 8;brown sandy clay 12;grey clay 69; gravel clay 76;gravel 80;slate. Water at 80. Gas.
CRW Con I	"	A. Houston	O. Lecuyer	Mar. 15, 1962	4	3	46	15	"	D		Hard clay 15;soft clay 35;hardpan 68;sand gravel 70. Water at 70.
CRW Con II	"	D. Jubersville	E.&J. Rumble	Aug. 20, 1965	4	1	119	13	"	D,S		Brown loam 11;blue clay 116;blue shale 120;grey limestone 137; black slate 151. Water at 119.
CRW Con II	"	Erie Water Supply	Hadco Well Digging Ltd.	Apr. 28, 1964	27½	2		18	"	D		Sand gravel 18;blue clay 30. Water at 18.
CRW Con II	"	R. Mallory	E.&J. Rumble	Aug. 9, 1965	4	5	225	145	"	D		Gravel 18;blue clay 185;gravel clay mixed 195;blue shale 200; Black slate 240. Water from 200 to 240.
CRW Con II	"	PUC-Blenheim	International Water Supply Ltd.	Mar. 1, 1967						T		Clay loam 2;sand 10;gravel sand 16; clay gravel 147;sandy clay coarse sand 19;hard shale 227. Dry hole.
CRW Con II	"	R. Dorressers	E.&J. Rumble	Sep. 23, 1967	4	6	140	118	Fresh	5-67		Clay 155;gravel 144;slate 148. Water at 148.
CRW Con III	"	C. W. Szwedzysk	E. Rumble	June 8, 1964	4	2	60	22	"	D		Yellow sand 10;grey clay stone 114;sand gravel 121;black shale 122. Water at 122.
CRW Con III	"	J. Hebblethwaite	W. Marsh	Apr. 25, 1964	6½	10	230	130	"	D,S		Gravel 21;clay stones 88;gravel 93;shale 235. Water at 93, 200 and 234.

KENT COUNTY - cont.

Kent County - cont.		Communication Road Survey cont.		Con III lot 10 Elenheim P.U.C.		International Water Supply Ltd.		June 23, 1967		12		182		Fresh		T 7-67	
CRM	Con III	"	20 J. Sparks	"	Nov. 11, 1964	E. Rumble	"	4	5	77	57	"	"	"	"	"	Dirty sand gravel 7; clay gravel 160; hard clay gravel 189; brown shale 228; brown shale streaks soapstone 248; soapstone 250. Water from 189 to 228.
CRM	Con IV	"	F. D. Penick	"	Nov. 21, 1964	R. Pinsonneault	"	4	1	80	14	"	"	"	"	"	Black clay 3; grey gritty clay 123; black slate 126. Water at 126.
CRM	Con IV	"	2 L. Sackett	"	Sep. 5, 1965	"	"	4	4	70	40	"	"	"	"	"	Black muck 7; brown clay 115; hardpan 122; sand 122; soapstone. Water at 122.
CRM	Con IV	"	9 R. Eastman	"	Apr. 15, 1964	W. Marsh & Sons	"	6 1/2	12	150	110	"	"	"	"	"	Topsoil 2; brown clay 100; brown clay pebbles 104; sand 106; hardpan 108; black sand 110; black shale 112. Water from 108 to 112.
CRM	Con IV	"	20 L. Smith	"	Sep. 3, 1964	E. Rumble	"	3	3	80	68	"	"	"	"	"	Gravel 22; clay stones 178; gravel stones sand 192; black shale 207. Water at 197.
CRM	Con IV	"	22 B. Mifflin	"	Dec. 3, 1965	C. & M. Johnston	"	4	3	75	60	"	"	"	"	"	Grey clay 81; gravel 84; blue clay 116; black hardpan 132. Water at 132.
CRM WGL	Con IV	"	2 B. Cheney	"	Oct. 18, 1967	E. & J. Rumble	"	4	10	60	32	"	"	"	"	"	Topsoil 1; sandy clay 7; blue clay stones 128; loose shale 129; clay 103; gravel 109; slate 112. Water from 110 to 112.
CRM WGL	Con IV	"	6 E. Warwick	"	May 1, 1964	Hadco Well Digging Ltd.	"	30	1	9	9	"	"	"	"	"	Topsoil 1; brown clay 4; brown sand 7; blue sand 12; blue clay 18; blue sand 25. Water at 9 and 18.
CRM WGL	Con IV	"	9 A. Aldred	"	July 22, 1964	"	"	30	10	45	30	"	"	"	"	"	Topsoil 1; brown sandy clay 4; sand gravel 39; blue clay 45. Water at 30.
Lake Erie Survey	LES	Con BP	22 J. Shuster	"	Sep. 26, 1964	S. Earl	"	4 1/2	12	42	13	"	"	"	"	"	Clay 109; blue black shale 144. Dry hole.
LES	Con BP	"	22 J. Shuster	"	Oct. 1, 1964	"	"	4 1/2	"	"	"	"	"	"	"	"	Clay 110; blue shale 115; black shale 164. Water from 153 to 154.
LES	Con II	"	22 M. Campbell	"	Mar. 17, 1967	E. & J. Rumble	"	4	2 1/2	130	48	"	"	"	"	"	Sand loam 8; grey clay 108; gravel 109; grey clay 140; sand 141; black slate 175. Water at 141.
LES	Con III	"	15 M. Rigby	"	Aug. 18, 1966	Mandley Drlg.	"	10	5	163	70	"	"	"	"	"	Loam 10; quicksand 25; grey clay 135; fine gravel 136; black shale 163; soapstone. Water from 135 to 136.
LES	Con III	"	15 M. Rigby	"	Aug. 29, 1966	"	"	10	120	71	50	"	"	"	"	"	Loam 6; quicksand 18; grey clay 128; fine gravel 131; coarse gravel 135; very coarse gravel 146; black shale 151. Water from 128 to 146.
LES	Con III	"	18 Golden Acres Rest Home	"	Dec. 9, 1965	C. Warren	"	5	3	120	60	"	"	"	"	"	Loam 7; muddy sand 16; clay 124; blue shale 145. Water at 145.
LES	Con IV	"	7 W. Townsend	"	Dec. 14, 1964	W. Marsh	"	5	8	120	70	"	"	"	"	"	Sandy loam 2; clay 7; silt 10; clay stones 80; silt clay 124; clay stones 132; gravelly hardpan 133; black shale 139. Water at 136.
LES	Con IV	"	14 J. Izumi	"	July 5, 1964	O. Lecuyer	"	4	4	60	43	"	"	"	"	"	Hard clay 20; soft blue clay 133; gravel 135. Water at 133.
LES	Con IV	"	14 Elenheim P.U.C.	"	Feb. 8, 1967	International Water Supply Ltd.	"	"	"	"	"	"	"	"	"	"	Topsoil 3; fine gravel sand 9; clay shale 175; broken shale 181; hard shale 196. Dry hole.
LES	Con V	"	15 R. Drewery	"	Sep. 4, 1967	B. & H. English	"	4	4	110	120	"	"	"	"	"	Loam 3; sand 8; soft blue clay 128; black sand 129; blue clay 152; gravel 160; soft blue clay stones 180; sand 182; fine gravel 190; coarse gravel 191. Water at 191.
LES	Con V	"	16 Elenheim P.U.C.	"	Feb. 10, 1967	International Water Supply Ltd.	"	30	5	"	"	"	"	"	"	"	Topsoil 2; stiff sticky clay 37; clay shale 81; clay 133; shale 163. Dry hole.
LES	Con VI	"	15 Maple Leaf	"	Feb. 27, 1964	Hadco Well Digging Ltd.	"	4	9	130	114	"	"	"	"	"	Topsoil 1; brown clay 4; gravel 13; blue clay 26. Water at 6.
LES	Con VII	"	13 Brethwaite	"	June 30, 1964	E. Rumble	"	7	20	100	80	"	"	"	"	"	Black clay 5; grey clay 178; gravel 180; grey clay 182; black slate rock 186. Water at 185.
LES	Con VII	"	13 A. Pollowick	"	June 20, 1967	Mandley Drlg.	"	7	20	100	100	"	"	"	"	"	Clay 165; sand gravel 170; black shale 178. Water from 170 to 175.
LES	Con VII	"	13 A. Pollowick	"	July 20, 1966	"	"	7	20	100	100	"	"	"	"	"	Light grey clay 162; coarse gravel 163; black shale 165. W. Water from 162 to 163.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Reprints to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Harwich Twp. -cont. Lake Erie survey cont. LES Con IX lot 14 LES Con XIII " 16 Rondeau Provincial Park RPP RPP RPP RPP	P. Kuluka	E. Rumble	June 7, 1965	4	1 1/2	90	46	fresh	D	Black clay loam 5; grey gritty clay 82; clay gravel hardpan 96; sand 118; black slate 119. Water at 118.
	L. Durfy	O. Lecuyer	Aug. 25, 1964	4	200	23	18	"	D, S	Topsoil 2; blue clay 7; gravel 7 1/2; black shale 80. Water at 7 1/2.
	Ont. Lands & Forests	W. Hernandez	Aug. 27, 1967	3	43	25	5	"	P	Sand 31; very fine sand 36. Water at 31.
	"	"	Aug. 29, 1967	2	38	23	7	"	P	Full 7; sand 24; clay. Water at 24.
Shrewsbury Township	"	"	Aug. 29, 1967	3	45	20	8	"	P	Open well 7; sand 27; clay. Water at 23.
	"	"	Aug. 29, 1967	3	40	25	8	"	P	Dug well 8; sand 27; clay. Water at 27.
	E. Hill	E. Rumble	May 15, 1964	5	6	65	10	Salt	D	Black muck 10; grey gritty clay 110; gravel clay hardpan 118; black slate blue shale 122. Water from 120 to 122.
	R. Stronach	"	July 1, 1964	4	8	44	34	"	D	Black loam 3; grey clay 105; brown slate 112. Water at 110.
	C. Reed	"	Aug. 1, 1964	4	2	62	32	"	D	Black loam 3; grey clay 101; black hardpan 107; black blue shale 109. Water at 108.
	A. Edwards	"	Sep. 26, 1964	4	1	130	15	"	D	Brown clay 15; blue clay 104; blue shale slate 130. Water at 130.
	N. Thomas	G. Galbraith	Nov. 7, 1964	4						Surface 5; yellow clay 20; pink clay 110; hardpan gravel 112; soft snapstone 115; blue soap stone 123. Gas. Dry hole.
	A. Bowman	"	Nov. 14, 1964	4	4	45	34	Salty	D	Surface 3; yellow clay 15; blue clay 50; pink clay 98; black shale hardpan 106; slate. Water at 106.
	B. Williams	"	Nov. 18, 1964	4	6	45	34	"	D	Surface 3; yellow clay 12; blue clay 35; pink clay 103; hardpan 107; black gravel 109. Water at 107.
	L. Miller	"	Nov. 27, 1964	4	1 1/2	108	28	Fresh	D	Surface 4; yellow clay 15; blue clay 40; pink clay 107; hardpan 108; brown shale 113 1/2. Water at 108.
	E. Williams	"	Jan. 4, 1965	4	7	45	34	Salt	D	Surface 3; yellow clay 17; blue clay 45; pink clay 100; black hardpan 107; shale soapstone 107 1/2.
	L. Harrison	"	Jan. 9, 1965	4	8	60	28	"	P	Yellow clay 15; blue clay 60; pink clay pebbles 104; hardpan 107; black slate 108. Water at 108.
	N. Beatty	"	May 29, 1965	4	4		32	"	D	Surface 2; yellow clay 15; blue clay 45; pink clay 95; gas pebbles black hardpan 105; black top rock 106. Water at 105 and 106.
	C. Holmes	"	June 11, 1965	4	4	45	35	"	D	Surface 4; yellow clay 12; blue clay 40; pink clay pebbles 103; hardpan 108; top rock 109. Water at 108.
	C. Holmes	G. Galbraith	June 11, 1965	4	4	45	35	Salty	D	Surface 4; yellow clay 12; blue clay 40; pink clay pebbles 103; hardpan 108; top rock 109. Water at 108.
	W. Dorsey	"	June 19, 1965	4	3	88	38	"	D	Surface yellow clay 15; blue clay 50; pink clay 103; hardpan 106; top rock 108. Water at 107.
Cambell-Alford	B. Watford	"	July 7, 1965	4	8 1/2	45	34	"	D	Yellow clay 15; blue clay 40; pink clay 65; grey clay pebbles 99; hardpan gas 103; hardpan 104; black hardpan 107; top rock 111. Water at 103 and 111.
		"	June 18, 1966	4	3	60	25	"	D	Surface 3; yellow clay 12; pink clay 111; hardpan blue clay 118; hardpan 122; soft soapstone 123; blue shale 125. Water from 123 to 125.
	M. Cooper	E. & J. Rumble	Sep. 2, 1965	4	4	38	28	Fresh	D	Black loam 11; blue clay 109; sand 110; black slate 114. Water at 114.
	J. Marnado	G. Galbraith	May 22, 1967	4	7	40	34	Salty	D	Surface 3; yellow clay 12; blue clay 60; pink clay 100; hardpan 100; top rock 107. Water from 106 to 107.
	T. Hudson	E. & J. Rumble	Oct. 1, 1966	4	5	90	39	Fresh	D	Sand loam 8; grey clay 102; gravel 112; soapstone 113; slate 118. Water from 117 to 118.
	G. Richardson	"	Sep. 23, 1966	4	1 1/2	85	39	"	D	Loam sand 10; grey clay 101; sand gravel 108; black slate 110. Water from 109 to 110.
	M. Beverly	"	Oct. 6, 1966	4	3	56	39	"	D	Sand loam 10; grey clay 100; sand gravel 110; black slate 111 to 112.

KENT COUNTY - cont.  
Harwich Township - cont.  
Shrewsbury Townsite

TES Con I	"	C. Burley	"	Sep. 16, 1966	4	3	75	32	"	D	Grey sand muck 9; grey clay 103; gravel 104; black slate 109. Water at 109.
TES Con I	"	H. Lewis	"	Apr. 22, 1967	4	3	65	29	"	D	Black loam muck 8; grey clay 102; sand gravel 110; black slate. Water at 110.
TES Con I	"	E. Tisdale	G. Galbraith	July 25, 1966	4				"	N	Surface 2; yellow clay 15; pink clay 106; hardpan 119; soapstone 136; brown shale 140. Gas.
TES Con I	"	"	"	Aug. 2, 1966	4				"	N	Surface 2; yellow clay 10; blue clay 40; pink clay 90; grey clay stones 106; hardpan 118; soapstone shale 135; blue shale 138; brown shale 145. Gas.
TES Con I	"	H. Brown	E. & J. Rumble	June 12, 1967	4	2	110	30	Fresh	D	Loam 7; clay 113; sand gravel 115; clay gravel hardpan 118; soapstone 119; shale 121. Water at 121.
TES Con I	"	R. Tuemeue	"	June 20, 1967	4	2	95	36	"	D	Loam 7; clay 58; gravel 102; slate 104. Water at 104.
TES Con I	"	M. Henderson	G. Galbraith	Dec. 19, 1967	4	4	53	40	Salty	D	Yellow clay 12; blue clay 45; pink clay 103; black hardpan 106; top rock 110. Water at 106 and 110.
TES Con I	"	R. Hills	"	May 2, 1966	4	10	100	90	Fresh	D, S	Surface 4; yellow clay 15; blue clay 113; layers sand gravel 142; gravel sand 166; sand pebbles 170; fine gravel 174. Water from 113 to 142 and from 170 to 174.
TES Con I	"	H. Woote	"	May 23, 1966	4	10	110	97½	"	D	Surface 4; yellow clay 12; blue clay 110; slushy clay 120; sand 131; sand gravel 140; coarse gravel clay balls 144; sand gravel 150; sand pebbles 155; clean sand 160; fine gravel 166. Water from 160 to 166.
Thames River Survey TES Con I	"	B. Gold	M. Johnston	June 8, 1966	7						Sandy clay 15; blue clay 30; blue clay stones 50; fine sand 60; blue clay 62; fine sand 66; cemented gravel 71; shale 85. Dry hole.
TES Con I	"	J. Keil	R. Pinsonneault	May 26, 1964	4			18	Fresh	N	Topsoil sandy 14; brown clay pebbles 72; black shale 79. Water at 72.
TES Con I	"	"	"	May 29, 1964	4	3	38	18	"	D	Top sandy clay 14; brown clay small stones 72; black shale 87. Water from 72 to 79.
TES Con I	"	"	Hadoo Water Well Drilling Ltd.	Aug. 6, 1964	4						Clay 6; sand 18; sandy clay 30; clay 59; carbonated shale 63; black rock 130; gravel 133; black rock 140. Dry hole.
TES Con II	"	P. Wardmeier	D. Simpson	Apr. 14, 1964	4	5	33	18	Fresh	D	Topsoil 1; red sand 5; clay 23; hardpan 37; sand gravel 39; hardpan 61; gravel 68. Water at 61.
TES Con II	"	D. Hildebrand	D. Lecuyer	Feb. 28, 1964	4						Clay 5; sand 17; soft clay 57; clay pebbles 60; sand clay 69; medium gravel 72; black shale 81. Dry hole.
TES Con II	"	"	"	Mar. 26, 1964	4			14	Fresh	N	Clay 14; sand 15; soft clay 38; clay pebbles 64; sand clay 70; sand clay gravel 73; greenish blue shale 75; black shale 80. Water at 74.
TES Con II	"	H. Molema	D. Simpson	Oct. 15, 1964	4	1½	52	21	"	D	Topsoil 2; sand 8; clay 38; hardpan 48; clay 57; streaks sand hardpan 69; sand gravel 71; black shale 73. Water at 69.
TES Con II	"	K. Cambell	M. Johnston	May 14, 1966	7						Sandy clay 5; blue clay 36; blue clay stones 38; gravel fine sand 42; blue clay 65; fine sand 67; gravel 68; cemented gravel 73; shale 80. Dry hole.
TES Con II	"	"	"	May 21, 1966	7	5	20	13	Fresh	D	Sandy clay 5; blue clay 36; blue clay stones 40; gravel 44; blue clay 60; fine sand 67; gravel 68; cemented gravel 73; shale 80. Water from 40 to 44.
TES Con II	"	B. Gold	"	May 28, 1966	7						Sandy clay 15; blue clay 30; blue clay stones 50; fine sand 60; blue clay 62; fine sand 66; cemented gravel 71; shale 85. Dry hole. Casing pulled.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
KENT COUNTY - cont. Barwich Twp. - cont. Thames River Survey - cont. TBS Con II lot 6 B.Gold		M. Johnston	June 3, 1966	7						Sandy clay 15; blue clay 30; blue clay stones 50; fine sand 60; blue clay 66; fine sand 66; cemented gravel 71; shale 85. Dry hole.
TBS Con II " 6 "	"	"	June 17, 1966	7						Sandy clay 10; sand 25; clay 40; sand 51; blue clay stones 56; fine sand cemented gravel 59; shale 75. Dry hole.
TBS Con II " 6 "	"	"	June 29, 1966	7						Sandy clay 15; blue clay 30; blue clay stones 50; fine sand 60; blue clay 66; fine sand 66; gravel 68; shale 69; black shale 80. Dry hole.
TBS Con II " 6 E. Bown	"	D. Simpson	June 1, 1967	7	3½	50	24	Fresh	D	Topsoil 1; red sand 4; clay 44; hardpan 66; sand 70; black shale. Water from 66 to 70.
TBS Con II " 6 B. Bedford	"	D. Lecuyer	Apr. 20, 1964	4						Clay 14; sand clay gravel 16; clay pebbles 79; soapstone clay 82. Dry hole.
TBS Con II " 9 "	"	"	Apr. 25, 1964	4	60	50	25	Fresh	D	Clay 18; sand gravel 22; clay pebbles 61; clay sand gravel 63; sand gravel 65; clay sand gravel 67. Water at 64.
TBS Con II " 13 P. Primeau	"	"	Feb. 6, 1964	4	1½	55	22	"	D	Clay 14; sand 18; clay pebbles 56; sand gravel 62; gravel 64; gravel sandy shale 64½. Water at 64½.
TBS Con II " 13 J. Bower	"	R. Pinsonneault	Aug. 1, 1964	4	2	36	28	"	D	Topsoil 2; brown clay 4; fine sand 62. Water at 45.
TBS Con II " 13 D. McCruse	"	"	Apr. 16, 1966	4	3½	35	27	"	D	Topsoil 3; blue clay 35; brown clay pebbles 48; coarse sand 56. Water from 48 to 56.
TBS Con II " 14 H. Smyth	"	D. Simpson	Aug. 27, 1965	6	3	32	21	"	D	Sand 20; clay 37; hardpan 60; gravel 61. Water at 60.
TBS Con II " 15 G. Bedford	"	D. Lecuyer	Jan. 11, 1964	4						Clay 8; sand 18; clay 42; clay pebbles 56; gravel clay 67; gravel 70; black clayish shale 76. Dry hole.
TBS Con II " 15 "	"	"	Feb. 3, 1964	4	4	22	22	Fresh	D	Clay 5; sand 15; clay 17; sand 19; clay 40; clay pebbles 50; clay sand pebbled 58; sand gravel 64; gravel hardpan 71. Water at 61.
TBS Con II " 19 A. Filby	"	D. Simpson	Oct. 29, 1966	4	3	23	12	"	D, S	Topsoil 2; clay 12; hardpan 20; clay 41; sand gravel 45. Water at 41.
TBS Con III " 6 H. Gady	"	D. Lecuyer	Feb. 15, 1964	4	1	55	14	"	D	Clay 12; sand 13; clay pebbles 59; fine sand 60; medium sand 63½; clayish sand 64. Water at 63.
TBS Con III " 6 J. Leatherdale	"	D. Simpson	Apr. 17, 1964	4	6	33	18	"	D	Topsoil 1; clay 32; hardpan 62; sand gravel 66; black shale 71. Water at 62.
TBS Con III " 6 L. Bosterick	"	"	Apr. 18, 1964	4	2	45	18	"	D	Topsoil 1; red sand 4; clay 24; hardpan 58; sand 60; sand gravel 64½; blue black shale 65. Water at 61.
TBS Con III " 6 W. McColg	"	R. Pinsonneault	July 12, 1964	4					N	Topsoil 4; sand 7; grey clay 58; fine sandy clay 70; black shale 75.
TBS Con III " 6 "	"	"	July 13, 1964						N	Topsoil 4; quicksand 7; brown clay pebbles 58; quicksand 64; brown clay pebbles 68; black shale 90. Water from 58 to 64.
TBS Con III " 6 "	"	"	July 14, 1964	4					N	Topsoil 4; sand 7; gritty brown clay 58; fine sand 64; black shale 76. Abandoned due to fine sand.
TBS Con III " 6 "	"	"	July 16, 1964						N	Topsoil 4; quicksand 7; brown clay pebbles 60; quicksand 63; brown clay pebbles 70; black shale 75. Water from 60 to 63.
TBS Con III " 6 "	"	"	Aug. 14, 1964	30	4	29	10	Fresh	D	Topsoil 1; brown sand clay 5; brown sand 7; blue clay 18; gravel sand 29; clay stones 30. Water at 18.
TBS Con III " 6 Hanco Well Digging Ltd.	"	"	Mar. 11, 1965	4	2½	45	21	"	D	Topsoil 1; red sand 5; clay 28; hardpan 42; sand 45; hardpan 63; sand gravel 66; hardpan 68. Water from 63 to 66.
TBS Con III " 6 J. Williams	"	"	Mar. 29, 1965						N	Topsoil 2; clay 21; packed sand 40; hardpan 60; sand 63; clay 70; sand 71; blue black shale. Water at 60.
TBS Con III " 6 "	"	"	Mar. 31, 1965	4	3	35	22	Fresh	D	Topsoil 2; clay 5; quicksand 6; clay 20; sand 40; hardpan 59; sandy gravel 63; hardpan. Water at 59.



KENT COUNTY - cont. Harwich Twp. - cont. Thames River Survey - cont.													
THS	Con III	"	6	P.Sysel	D.Simpson	Nov.15,1965	4	3	39	24	"	D	Topsoil 2:clay 30;hardpan 50;clay 62;sand gravel 64;hardpan 65; Water at 62.
THS	Con III	"	6	R.Harris	"	Nov.23,1965	4	3	40	24	"	D	Topsoil 1:clay 30;hardpan 50;clay 58;sand 63;gravel 64; Water at 58.
THS	Con III	"	6	B.McKeon	"	Feb.28,1966	4					N	Topsoil 2:clay 10;quicksand 12;clay 22;hardpan 60;sand 65;blue black shale 68. Too much silt.
THS	Con III	"	6	"	"	Mar. 4,1966	4	3	31	19	Fresh	D	Topsoil 2:clay 8;quicksand 9;clay 21;hardpan 60;sand gravel 63;hardpan. Water from 60 to 63.
THS	Con III	"	6	M.Jackson	"	Apr. 4,1966	4	5	30	18	"	D	Topsoil 2:clay 20;hardpan 28;gravel 30;hardpan 60;sand 62; gravel sand 64;black shale. Water from 60 to 64.
THS	Con III	"	6	R.Hoekstra	"	Apr. 6,1966	4	5	30	18	"	D	Topsoil 2:clay 19;hardpan 60;gravel 62. Water from 60 to 62.
THS	Con III lot 6	"	6	R.Jenner	D.Simpson	June 2,1966	4	5	29	16	Fresh	D	Topsoil 2:clay 8;quicksand 9;clay 24;hardpan 58;sand gravel 62; hardpan. Water at 58.
THS	Con III	"	6	R.Restorick	"	June 3,1966	4	5	29	18	"	D	Topsoil 2:clay 24;hardpan 62;gravel 63;hardpan. Water at 62.
THS	Con III	"	6	"	"	June 7,1966	4	5	28	18	"	D	Topsoil 1:clay 25;hardpan 60;sand gravel 64;hardpan. Water at 60.
THS	Con III	"	6	T.Joch	"	June 9,1966	4	2 1/2	40	20	"	D	Topsoil 1:clay 25;hardpan 62;sand gravel 65;hardpan. Water from 62 to 65.
THS	Con III	"	6	R.Restorick	"	July 13,1966	4	2 1/2	38	17	"	D	Topsoil 1:clay 8;blue clay 22;hardpan 60;sand gravel 63. Water at 60.
THS	Con III	"	6	W.Walden	"	Nov.10,1966	4	1 1/2	55	21	"	D	Topsoil 1:clay 20;hardpan 58;sand 60;loose shale 64;black shale 69. Water at 60.
THS	Con III	"	6	R.Restorick	"	Oct.15,1966	4					D	Topsoil 2:clay 20;hardpan 62;sand 64;hardpan 72;blue black shale. Dry hole.
THS	Con III	"	6	N.Randall	"	June 23,1967	4	1	60	18	Fresh	N	Topsoil 1:clay 20;hardpan 35;gravel 37;hardpan 63;sand 66; hardpan. Water from 63 to 66.
THS	Con III	"	6	"	"	June 30,1967	4	2	45	19	"	D	Topsoil 1:ired sand 5;clay 24;hardpan 56;clay 62;sand gravel 64;hardpan. Water from 62 to 64.
THS	Con III	"	6	"	"	July 3,1967	4					D	Topsoil 1:ired sand 5;clay 59;sand 63;hardpan 70;black shale. Dry hole.
THS	Con III	"	6	"	"	July 4,1967	4			22	"	N	Topsoil 1:ired sand 5;clay 22;hardpan 50;sand gravel 65;hardpan. Water at 58.
THS	Con III	"	6	R.Restorick	"	July 6,1967	4	3	42	21	"	D	Topsoil 1:ired sand 6;clay 24;hardpan 61;sand gravel 64;hardpan. Water from 61 to 64.
THS	Con III	"	6	"	"	Sep.16,1967	4	2 1/2	40	20	"	D	Topsoil 1:ired sand 6;clay 20;hardpan 24;sand 30;hardpan 45; clay 60;sand gravel 63;hardpan. Water at 60 and 63.
THS	Con III	"	6	"	"	Sep.17,1967	4	2 1/2	40	20	"	D	Topsoil 1:ired sand 5;clay 22;hardpan 54;clay 60;sand gravel 63;hardpan. Water from 60 to 63.
THS	Con III	"	6	"	"	Sep.18,1967	4					D	Topsoil 1:clay 20;hardpan 50;clay 60;sand silt 64;hardpan 65. Dry hole.
THS	Con III	"	6	"	"	Sep.19,1967	4	2 1/2	36	20	Fresh	D	Topsoil 1:clay 22;hardpan 26;sand 30;hardpan 56;clay 61;sand gravel 62. Water from 61 to 62.
THS	Con III	"	6	"	"	Sep.19,1967						D	Topsoil 1:clay 22;hardpan 26;pecked sand 30;hardpan 56;clay 61;sand gravel silt 62. Dry hole.
THS	Con III	"	9	H.Kuiper	C&M Johnston	Jan.22,1964	4	1	30	15	Fresh	D	Surface 1:sand 23;clay gravel 55;sand 61;gravel 64;shale 65. Water from 61 to 64.
THS	Con III	"	9	"	R.Pinsonneault	June 4,1964	4	4	40	15	"	D	Topsoil 47;quicksand 5;blue clay 20;brown clay pebbles 55; quicksand 57;hardpan 61;shale. Water from 57 to 61.
THS	Con III	"	13	N.Coyne	D.Simpson	June 11,1966	4	4	17	7	"	D	Topsoil 1:sand 12;quicksand 14;clay 42;hardpan. Water at 42.
THS	Con III	"	13	L.Carpbell	"	June 14,1966	4	5	18	7	"	D	Topsoil 1:sand 5;clay 47;gravel 50;hardpan. Water from 47 to 48.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE**	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
KENT COUNTY - cont. Herwich Twp. - cont. Thames River Survey - cont.										
TRS Con III " 17	D.Beachard	Hedco Well Digging Ltd. R.Simpson	Mar.23,1967	30	10	34	14	"	D	Topsoil 1;brown clay 14;blue clay 33;black pepper sand 35. Water at 33.
TRS Con III " 18	H.White	R.Simpson	Oct. 6,1966	4	4	25	17	"	D	Topsoil 2;yellow clay 10;blue clay 64;loose black shale 65; black shale 66. Water at 64.
TRS Con III " 22	I.Jones	R.Ptinsonneault	Mar.12,1964	4	8	40	20	"	D,S	Topsoil 3;yellow clay 8;blue clay 25;brown clay pebbles 36; hardpan sand gravel 54;gravel sand 68;shale 70. Water at 68.
TRS Con IV lot 6	H.Horstede	D.Simpson	Apr. 5,1966	4	2	43	15	Fresh	D	Topsoil 1;clay 8;quicksand 9;clay 20;hardpan 65;loose shale gravel 67;blue black shale 70. Water from 65 to 67.
TRS Con IV " 14	W.Gilhuis	P.Couture	June18,1964	4	1	18	12	"	D	Topsoil 4;blue clay 26;gravel 27;blue clay 47;hardpan 52;grey clay 62;black shale 67. Water at 67.
TRS Con V " 8	B.Verhoog	D.Simpson	Aug.23,1966	4	15	13	12 1/2	"	D,S	Topsoil 1;clay 19;hardpan 39;gravel 45;hardpan. Water from 39 to 45.
TRS Con V " 14	N.Roesch	"	Aug.24,1966	4	5	17	13	"	D,S	Topsoil 1;clay 20;hardpan 36;sand gravel 53;hardpan. Water at 53.
TRS Con V " 16	R.Martens	"	Oct. 2,1967	4	2 1/2	33	12	"	N	Topsoil 1;clay 4;sand 10;clay 40;hardpan 46;clay 56;sand gravel 57;hardpan. Water from 56 to 57.
TRS Con V " 17	T.Jordon	O.Lecuyer	Aug.20,1964	4	5	19	12	"	D,S	Topsoil 4;blue clay 60;dirty gravel 61;blue clay 72;gravel 75. Water at 72.
TRS Con VI " 7	St.Paul's United Church	"	Mar.12,1965	4	1 1/2	40	20	"	P	Red clay 15;soft clay 32;hard clay 64;hardpan 68;sand gravel. Water at 67.
TRS Con VI " 12	H.Sloan	D.Simpson	May 10,1967	4	2	43	10	"	D	Topsoil 1;yellow sand 51;clay 20;hardpan 45;clay 59;sand gravel 61;hardpan. Water from 59 to 61.
TRS Con VI " 17	R.Stennett	"	June16,1966	4	5	21	10	"	D	Topsoil 1;clay 25;hardpan 48;silt sand 60;sand gravel 64;hard- pan. Water at 60.
TRS WB Con I " 5	A.Croucher	C.& M.Johnston	May 25,1965	4						Sand 61;blue clay 38;blue clay stones 56;sand 66;soft shale 70; shale. Dry hole.
TRS WB Con I " 5	"	"	May 27,1965	4					N	Sand 10;blue clay 42;blue clay stones 60;sand 69;soft shale 73;shale 75. Dry hole.
TRS WB Con II " 3	G.Prins	D.Simpson	Mar.25,1964	4	6	32	25	Fresh	D	Topsoil 2;clay 22;hardpan 48;fine sand 60;gravel 68; hardpan; Water at 48.
TRS WB Con II " 4	T.VanderLinden	"	Aug.24,1964	4	6	26	26	"	D	Topsoil 1;clay 29;hardpan 55;streaks sand clay gravel 66; gravel 72;black shale 74. Water at 66.
TRS WB Con II " 4	VanMinnen Const	O. Lecuyer	Dec. 1,1966	4	200	40	20	"	D	Hard clay red sand 20;soft clay 35; hardpan 55;gravel 57; hard clay 65. Water at 57.
TRS WB Con II " 4	C.Hemers	D.Lecuyer	Mar.22,1967	4	2 1/2	50	26	"	D	Sandy clay 8;sand 12;clay pebbles 45;sand gravel 60;gravel clay 62. Water at 60.
TRS WB Con II " 5	A.McInroy	D.Simpson	Sep. 4,1964	4	1 1/2	50	13	"	D	Topsoil 1;clay 14;hardpan 58;sand gravel 59;loose black grey shale 61;grey black shale 67. Water at 58.
TRS WB Con III " 4	P.Wasilewski	E.Rumble	June20,1965	4	1 1/2	70	14	"	D	Clay loam 3;sand 13;grey gritty clay 70;sand gravel 72;black shale 84. Water at 72.
TRS WB Con IV " 1	E.Martin	D.Simpson	Apr.29,1964							Topsoil 1;red sand 5;clay 30;hardpan 36;clay 75;sandy hardpan black shale 78. Dry hole.
TRS WB Con IV " 1	"	"	May 5, 1964	4	15	31	30	Fresh	D	Topsoil 1;red sand 6;clay 68;gravel 70. Water at 68.
TRS WB Con IV " 1	"	"	Sep. 9,1964	4	5	34	32	"	D	Topsoil 2;clay 70;gravel 73;black shale 75. Water at 70.
TRS WB Con IV " 1	"	"	Oct.27,1964	4						Topsoil 1;clay 50;hardpan 56;soft clay 70;gravel 72;black shale 75. Water at 70.
TRS WB Con IV " 1	Ontario Hydro	B.Simpson	July 3,1965		2	55	30	"		Topsoil 1;sand 6; clay 19;hardpan 30;clay 67;sand gravel silt 67;hardpan 70;black shale 79. Water at 67.
TRS WB Con IV " 3	B.Babkirk	J.&E.Rumble	May 5,1967	4						Sandy loam 16;grey clay 36;fine gravel 41;grey clay 64;hardpan gravel 78;gravel 81;slate 92. Dry hole. Gas.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depicts to which formations entered below the surface are given in feet)
KENT COUNTY - cont.										
Howard Twp. - cont.										
Con I	10 O.Huys	G.Galbraith	June 14, 1967	4	10	16	13	Fresh	D	Surface sand 15; soft mixed clay 24; hardpan gravel 36; clean coarse gravel 37. Water from 36 to 37.
Con I	14 R.Crow	"	May 28, 1964	4						Surface 12; blue clay 38; hardpan 50; soapstone black shale 80. Dry hole.
Con I	14 Ont. Dept of Highways	D.Simpson	Oct. 3, 1964	7	3	55	23	Fresh	P	Topsoil 1; red sand 6; quicksand 18; clay 42; gravel 44; hardpan 65; sand gravel 68; sand hardpan 80; sand gravel 87; black shale. Water at 65.
Con III	3 R.Spence	G.Galbraith	Oct. 1, 1966	4	1 1/2		22	"	D	Surface sand 8; boulder clay 50; hardpan gas 51; clay hardpan 65; coarse shale gravel 66; black sand 68; grey sand 70; fine sharp gravel 74; top rock 80. Water at 80.
Con III	"	"	Oct. 17, 1966	4						Topsoil 3; clay 62; hardpan grey 75; top rock 84; brown rock soapstone 85. Dry hole.
Con III	"	"	June 6, 1967	4	3	60	25	Fresh	D	Surface sand 8; clay 63; hardpan gravel 65; layers hardpan gravel 70; layers fine black gravel 78; brown top rock 83. Water at 78.
Con III	4 H.Stimington	R.Pinsonneault	Feb. 14, 1964	4		35	14	Fresh	D, S	Sand 12; blue clay 22; hardpan sand gravel 71; sand gravel 72; hardpan sand gravel 78; shale 79. Water at 79.
Con IV	4 O.Degelas	O.Lecuyer	Apr. 13, 1964	4	< 1/2	74	15	"	D	Topsoil 4; blue clay 75; sort black shale 100. Water at 75. Dry hole.
Con IV	5 L.Fettipiece	S.Earl	Apr. 16, 1964	4 1/2						Sand 3; gravel sand 10; clay 70; hardpan 82; bl-ck shale 89. Dry hole.
Con IV	"	"	Apr. 18, 1964	4 1/2						Sand 4; gravel sand 9; clay 68; hardpan 71; black shale 77. Dry hole.
Con IV	"	"	Apr. 21, 1964	4 1/2						Sand 10; clay sand 18; clay 60; hardpan 65; black shale 77. Dry hole.
Con IV	"	"	Apr. 23, 1964	4 1/2	1	50	22	Fresh	D	Sand 5; clay sand 18; clay 57; gravel 58; hardpan 75; black shale 80. Water at 58.
Con IV	5 L.Galbraith	R.Pinsonneault	Dec. 23, 1964	4	1 1/2	50	25	"	D	Topsoil 3; brown clay pebbles 62 1/2; coarse sand 64. Water from 62 1/2 to 64.
Con IV	7 W.Galbraith	Hadco Well Digging Ltd.	Oct. 22, 1965	30	1/2	60	10	"	D, S	Clay 3; brown sandy clay 7; grey sand 12; blue clay 25; grey sand 30; blue clay 35; blue marl 62. Water from 11 to 12, 25 to 30 and from 55 to 62.
Con V	4 B.Mlynek	S.Earl	Aug. 23, 1965	4	15	20	20	"	D	Clay 72; black shale 87. Water at 81.
Con V	5 J.Missinne	G.Galbraith	Sep. 9, 1966	4	12	30	15	"	D	Surface sand 6; blue clay 40; grey clay 70; hardpan 75; layers gravel sand 88; gravel 91; top rock 93. Water from 88 to 91.
Con V	6 M.Reaume	"	Oct. 8, 1966	4						Surface sand 8; boulder clay 70; hardpan black shale 73; top rock soapstone brown shale 85. Dry hole.
Con V	6	"	Oct. 13, 1966	4	1 1/2	87	17	Fresh	D	Surface soil 3; yellow clay 8; boulder clay 60; pink clay 72; top rock brown mixed with soapstone 90. Water at 90.
Con V	12 H.Pinsonneault	R.Pinsonneault	Sep. 5, 1967	4	1	80	15	"	D	Yellow sand 16; brown clay 65; fine sand 82; clay 89; coarse sand 90; shale 96. Water at 89.
Con VI	13 J.Bateman	G.Galbraith	Mar. 2, 1965	4	3	80	20	"	C	Surface sand 5; blue boulder clay 65; pink clay 81; hardpan layer sand 94 1/2; fine gravel 95; black top rock 100. Water at 98.
Con VII	7 J.Gales	D.Simpson	Oct. 13, 1964	4	5	50	24	"	D	Topsoil 2; sand 8; quicksand 10; clay 76; sand gravel 94; black shale 98. Water at 76.
Con VII	10 Gray Ridge Farms	"	Nov. 11, 1966	4	3	56	24	"	S	Topsoil 1; red sand 8; clay 75; sand 85; clay 90; gravel 97. Water from 90 to 97.
Con VII	10 L.Grey & Sons Ltd.	S.Earl	June 20, 1967	4 1/2						Sand 7; clay 81; hardpan 90; sand 91; hardpan 110; black shale 175. Dry hole.

KENT COUNTY - cont.		
Howard Twp. - cont.		
Con VII	lot 10	L. Gray & Son
		S. Earl

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# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
KENT COUNTY - cont. TRN Howard Twp. - " 91	W. Kowalec	G. Galbraith	Aug. 22, 1964	4	3 1/4	110	92	"	D, S	Surface 6; grey clay 18; blue clay 140; pink clay 168; hardpan gas sand 175; sand 179; hardpan brown shale 196; soapstone 216. Water at 179.
TRN " 92	J. Trenter	"	Mar. 20, 1965	3	5	96	86	"	D	Surface clay 103; sand 104; blue clay 124; hardpan clay 135; gravel 140; slushy sand 149; pink clay 156; hardpan 160; mixed hardpan fine gravel 164; gravel 165. Water at 164.
TRN " 92	O. Parrish Estate	G. Galbraith	Apr. 20, 1966	4	6	110	92 1/2	"	D	Surface 5; blue clay stones 100; pink blue clay mixed 140; sandy clay 156; pink clay 179; shale sand 180; black shale 187. Water from 100 to 140 and from 179 to 181.
TRS " 78	N. Tuck	S. Earl	Sep. 24, 1964	4 1/2						Sand gravel 8; clay 87; silt sand 187; clay 228; black shale 239. Dry hole.
TRS " 92	G. Galbraith	G. Galbraith	Feb. 28, 1964	3 1/2	10		70	Fresh	D	Topsoil 2; sand 4; yellow clay 9; boulder clay 130; sandy clay 135; hardpan 140; red clay 141; blue clay 148; broken shale 150. Water at 148 and 150.
TRS " 92	E. Hall	"	Mar. 23, 1964	4	7	85	70	Fresh	D	Surface 2; boulder clay 110; red clay 121; slush gravel sand 124; red clay 140; blue clay 146; hardpan gravel 147; sand gravel 148; top shale 150. Water at 148 and 150.
TRS " 99	G. Trudgen	"	Mar. 8, 1966	4	16 1/2	65	53	"	D, S	Surface 2; boulder clay 105; pink clay 135; gas sand hardpan gravel 138; hardpan slushy gravel 150; soft soapstone 153; grey shale 158; sand grey shale 160. Water at 158.
TRS " 101	Ont. Dept of Highways	O. Lecuyer	June 25, 1964	4	6	80	48	"	P	Hard clay 15; clay 150; hardpan 156; soapy shale 157. Water at 157.
TR " 7	H. Stempniak	E. Rumble	Apr. 1, 1964	4	70	150	68	"	D, S	Gravel loam 16; gritty grey clay 150; sand gravel 166; black slate 210. Water from 150 to 166.
TR " 7	A. Stempniak	"	July 14, 1964	4	1 1/2	170	73	"	D	Yellow clay 18; gritty grey clay 180; sand gravel 172; black shale 173. Water at 172.
TR " 17	A. Clark	"	June 1, 1964	4	2 1/2	22	15	"	D, S	Hard top clay 4; blue clay 60; gravel stones 62; black shale 67. Water from 60 to 62.
TR " 17	M. Vyskocil	G. Galbraith	Oct. 29, 1966	4						Surface sand 6; blue clay 70; grey hardpan 75; soupy sand fine gravel 79; hardpan 90; soupy shale 98. Dry hole.
TR " 19	N. Tong	"	Oct. 20, 1966	4	2		15	Fresh	D	Clay 68; quicksand 74; hardpan 75; black top rock 77; sand 79; brown shale 81. Water at 77, 79 and 81.
Orford Twp. Con A lot 5	A. Kerzels	Hadco Well Digging & Drilg. S. Earl	June 1, 1967	30	8	55	40	Fresh	D	Topsoil 1; brown clay 4; brown sand 6; blue clay 64; black coarse sand 70. Water at 64.
Con III " 2	J. Congo	"	Aug. 27, 1966	4 1/2	1 1/2	130	108	"		Sand 5; clay 77; hardpan 90; sand 206; clay 210; hardpan 217; black shale 231. Water from 139 to 141.
Con III " 2	"	"	Sep. 13, 1966	4 1/2	1 1/2	125	100	"	D	Clay 80; hardpan 112; sandy hardpan 136; sand 138; hard fine sand 187; clay hardpan 209; black shale 215. Water from 136 to 138.
Con III " 2	"	"	Sep. 30, 1966	4 1/2	1	160	110	"	N	Clay 67; hardpan 69; clay 122; fine sand 138; sand silt 144; stones 195; hardpan 209; clay 212; hardpan 219. Water at 160.
Con III " 2	"	"	Oct. 6, 1966	4 1/2						Clay 124; hardpan 126; sand clay 127; clay 192; hardpan 215; black shale 217. Dry hole.
Con III " 3	"	"	Sep. 7, 1966	4 1/2	1	130	108	Fresh	D	Clay 6; silt clay 140; sand 146; silt sand 191; hardpan 218; black shale 222. Water from 140 to 146.
Con IV " 12	Muirkirk Pure Water	G. Galbraith	Sep. 2, 1965	4	10	95	89	"	P	Yellow clay 15; boulder clay 124; hardpan black 127; pink clay 148; sandy gravel 155; sand gravel layers 168; gravel fine sand 172. Water from 148 to 172.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
KENT COUNTY - cont. Orford Twp. - cont. TRN	J. Sedlak	G. Galbraith	Sep. 2, 1965	4						Boulder clay 90; slushy clay gas 95; various sands 129; hardpan gravel 130; shooting sand 165; hardpan gas 167; glacial drift 174; stones hardpan 193; soft soapstone blue 197; blue shale 210. Dry hole.
TRN	" 76	"	Oct. 4, 1967	5	8	135	123	Fresh	D, S	Yellow clay 15; blue clay 152; slushy sand 154; hardpan 155; sand hardpan 170; shooting sand 195; hardpan 207; sand 217; clay shale gravel 228; top rock gravel sand 233; top rock 238. Water at 217 and 233.
TRN	" 76	"	Feb. 18, 1967	4	2 1/2	160	127	Fresh	S	Surface 3; yellow clay 15; blue clay 145; sandy clay 205; sand 215; coarse sand 217; fine gravel 220. Water at 217.
TRN	" 102	"	May 9, 1967	4	6	75	53	"	D	Yellow clay 12; boulder clay 110; pink clay 147; hardpan 148; soft soapstone 153; blue shale 156; grey shale 160; mixed brown shale 164; black shale 165. Water from 156 to 162.
TRS	" 66	"	Aug. 19, 1966	4	5	60	40	"	D	Topsoil 2; boulder clay 85; grey clay 120; pink clay 165; hardpan clay 172; fine gravel 175; slate soap 181. Water at 181.
TRS	" 72	"	May 7, 1966	4 1/2	8	80	65	"	D	Topsoil 4; gravel 6; clay 51; hardpan 171; black shale 182. Water from 178 to 180.
TRS	" 74	"	Aug. 31, 1967	4 1/2	1	157	80	"	M	Sand 6; stones clay 101; hardpan 187; black shale 229. Dry hole.
TRS	" 74	"	Nov. 9, 1967	4	1	157	80	"	M	Sand gravel 8; clay 100; silt 157; hardpan 190; black shale 206. Water from 155 to 157.
TRS	" 98	"	Nov. 20, 1967	4	3	75	55	"	D	Surface 2; yellow clay 15; blue clay 135; pink clay 152; hardpan 155; soft blue soapstone 157; blue shale 165; black blue shale 168. Water at 165.
Baleigh Twp. Con A	" 6	G. Rice	Oct. 5, 1964	4	2	65	8	Fresh	D	Yellow clay 11; blue clay 81; soft grey clay 103; shale. Water at 103.
Con A	" 9	"	Nov. 25, 1964	4						Yellow clay 10; blue mud 72; sand 80; black shale 93. Dry hole.
Con A	" 9	"	Dec. 4, 1964	4						Yellow clay 10; blue mud 72; sand 80; black shale 82. Dry hole.
Con A	" 9	"	Dec. 11, 1964	4						Yellow clay 11; blue clay 72; sandy blue clay 80; black shale 82. Dry hole.
Con X	" 9	"	Feb. 3, 1965						T	Clay 20; sandy clay 39; clay 75; rocks 78; clay 82. Dry hole.
Con A	" 9	"	Feb. 3, 1965	5 1/2						Soft clay 55; sand coal 75; sandy clay 82; black rock 107; blue rock 125; grey rock 148; black rock 195; shale 200; bi-ck rock 215. Dry hole.
Con A	" 10	"	June 12, 1964	4	1	75	12	Fresh	M	Yellow clay 10; blue mud 50; sand muc white mud 78; top rock 79; sand 82. Water at 79.
Con A	" 10	"	June 15, 1964	4						Clay gravel 21; clay 69; sand clay 73; clay sand gravel 76; black shale 83. Dry hole.
Con A	" 10	"	June 26, 1964	4						Clay gravel 20; clay gravel 74; sand gravel 76; black gravel fine sand 78; sandy shale 84. Dry hole.
Con A	" 10	"	Aug. 5, 1964	4	60		12	Fresh	D	Clay gravel 19; clay pebbles 73; gravel sand clay 78; gravel sand 80; black shale 80. Water at 80.
Con A	" 10	"	Jan. 18, 1967	4	1		13	"	D	Clay pebbles 8; clay 45; clay pebbles 50; soft clay 75; gravel shale 78; sandy shale 79. Water at 78.

KENT COUNTY - cont.  
Baleigh Twp. - cont.

Con A	lot 10	E. Gregoire	D. Lecuyer	Jan. 13, 1967	4	4	16	12	Fresh	D	Clay pebbles 21; clay 45; clay pebbles 55; soft clay 75; sand clay 77; black shale 78 to 80. Dry hole.
Con A	" 10	"	"	Sept. 28, 1967	4	4	5	15	"	D, S	Clay 35; clay pebbles 72; medium gravel 75; black shale 76. Water at 74.
Con A	" 14	J. Chinnick	M. Johnston	Aug. 25, 1967	4	5	23	9	"	D	Topsoil 1; clay 7; blue clay stones 68; gravel 69; shale 70. Water from 68 to 70.
Con A	" 17	M. Chinnick	C. & M. Johnston	June 1, 1965	4	5					Topsoil 2; sandy clay 10; blue clay 40; sand 43; blue clay stones 69; gravel 70; black shale 73. Water from 69 to 70.
Con I	" 2	L. Gore	"	May 16, 1964	4						Surface 1; sand clay 19; clay 29; clay stones 62; sand 99; soapstone 102. Dry hole.
Con I	" 2	"	"	May 23, 1964	4						Surface 1; sand clay 29; sand 50; sand stripes clay gravel 86; sand 94; sand clay gravel 100; soapstone 103. Dry hole.
Con I	" 2	"	"	May 30, 1964	4	96				D	Surface 1; sand clay 30; sand 82; gravel 95; soapstone 96.
Con II	" 3	M. Peltier	"	Apr. 3, 1965	7	10	17	14	Fresh	D, S	Surface 1; clay 11; sand 13; clay 55; clay stones 60; clay 67; gravel 68. Water from 67 to 68.
Con II	" 4	R. Crow	"	Aug. 8, 1964	4	2	19	7	"	D	Surface 1; sand clay 11; blue clay 58; gravel 70; shale 72. Water from 68 to 70.
Con II	" 5	F. Bruette	"	July 4, 1964							Surface 1; clay 53; clay stone 62; sand 69; gravel 70; shale 75. Dry hole.
Con II	" 5	"	"	July 11, 1964							Surface 1; clay 51; clay stone 62; sand 68; shale 73. Dry hole.
Con II	" 5	"	"	July 18, 1964	4						Surface 1; clay 58; sand 68; clay 75; shale 78. Dry hole.
Con II	" 8	J. Martin	M. Johnston	Sept. 19, 1966	4	3	40	16	Fresh	D	Topsoil 1; clay 15; blue clay stones 5; sand 43; blue clay stones 66; gravel 67. Water from 66 to 67.
Con II	" 8	H. Crow	"	June 28, 1967	7						Topsoil 1; blue clay 43; blue clay stones 64; sand 70; shale 75. Dry hole.
Con II	" 8	"	"	June 30, 1967	7	3	22	12	"	D	Topsoil 1; blue clay 43; blue clay stones 63; sand 64; loose shale 65; shale 70. Water from 64 to 65.
Con III	" 12	E. Crackel	G. Rice	Oct. 5, 1966	4	2	42	33	"	D	Sand 10; blue mud 66; top rock black shale. Water at 66.
Con III	" 14	C. Baker	D. Simpson	Oct. 6, 1966	4						Topsoil 1; clay 50; hardpan 60; black shale 62. Dry hole.
Con III	" 16	S. Huff	C. & M. Johnston	Mar. 20, 1965	7	5	28	20	Fresh	D, S	Surface 1; clay 15; sand 21; clay 58; gravel 58; shale 65. Water from 58 to 65.
Con III	" 17	L. VanBaendonck	G. Rice	June 17, 1966	4	2	43	30	Fresh	D	Sand 10; blue mud 64; top rock 70. Dry hole.
Con III	" 17	"	"	June 23, 1966	4	4	54	35	"	D	Sand 10; blue mud 67; black shale. Water at 63.
Con III	" 18	J. Huff	Hadco Well Digging Ltd.	Nov. 27, 1964	30	4					Brown clay 11; grey fine silty sand 16; brown clay 55; sandy stony formation 65. Water at 65.
Con III	" 18	Apex Tool Design	D. Lecuyer	Oct. 6, 1966	4	4	33	28	"	D	Clay 5; sand 9; clay 14; sand 20; clay 59; clay pebbles 64; fine gravel 64; sandy shale 65; black shale 66. Water at 65.
Con IV	" 6	D. Lawton	G. Rice	Sept. 6, 1967	4	5	60	12	"	D	Sand 10; blue mud 25; white mud 54; quicksand 60; sand 61. Water from 60 to 61.
Con IV	" 12	P. Gison	C. & M. Johnston	Feb. 8, 1964	4						Clay 1; sand 12; clay 53; sand 58; clay 59; clay gravel 62; clay 70; shale 80. Dry hole.
Con IV	" 12	"	"	Feb. 15, 1964	4						Clay 1; sand 12; clay 56; sand 58; clay 59; clay gravel 62; clay 70; shale 87. Dry hole.
Con IV	" 12	"	"	Feb. 22, 1964	4	1	55	11	Fresh	D	Clay 1; sand 12; clay 56; sand 58; clay gravel 68; clay 70; shale 78. Water from 58 to 68.
Con IV	" 12	Gray Bros. Farm Equipment	Hadco Well Digging Ltd.	May 30, 1966	5 1/2	4	60	22	"	C	Black clay 2; blue clay 10; blue sandy clay 25; blue clay 51; sandy clay 54; clay gravel 56; clay boulders 58; carbonated shale 67. Water from 64 to 67.
Con IV	" 12	Ont. Dept. of Highways	O. Lecuyer	Dec. 13, 1965	7	7	15	12	"	P	Clay 22; hardpan 55; soft clay 59; gravel 63; coarse gravel 65. Water at 59 and 65.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Raleigh Twp. - cont.										
Con V lot 15	W. Sereda	C.&M. Johnston	Oct. 13, 1965	7	2	44	24	Fresh	D, S	Topsoil 1; sand 7; blue clay small stones 65; sand 69; gravel 69; shale 73. Water from 65 to 69.
Con V	P. Dierickse	G. Rice	Mar. 20, 1965	4	1 1/2	70	28	"	D	Sand 10; blue mud gas 60; sand stones gravel 72; brown shale 74. Water at 72.
Con V	J. Waddick	"	Mar. 31, 1965	4	1 1/2	50	32	"	D	Sand 10; blue mud gas 40; blue mud 60; sand stones shale 71. Water at 71.
Con V	W. Waddick	"	Apr. 9, 1965	4	2	55	32	"	D	Sand 10; blue clay 40; gravel sand gas 70; shale 73. Water at 73.
Con V	A. Beard	"	Apr. 25, 1965	4	2	55	32	"	D	Sand 10; blue clay 60; sand stones 72; black shale 86. Dry hole.
Con V	"	C.&M. Johnston	Apr. 30, 1965	4	5	30	29	"	D	Surface 1; sand 20; clay 24; clay small stones 66; gravel 72; shale. Water at 72.
Con V	H. Knox	"	May 4, 1965	4						Surface 1; sand 20; clay 24; clay stones 47; gravel gas 66; clay 68; gravel 71; shale 75. Dry hole.
Con V	"	"	May 6, 1965	4						Surface 1; sand 22; clay 26; clay stones 70; gravel sand 74; shale 77. Dry hole.
Con V	"	"	May 8, 1965	4	3	40	29	Fresh	D	Surface 1; sand 22; clay 26; clay stone 68; sand 69; gravel 74; shale 76. Water from 69 to 74.
Con V	B. Morris	"	May 12, 1965	4						Surface 1; sand 20; clay 24; clay stones 69; shale 71. Dry hole.
Con V	"	"	May 14, 1965	4	2 1/2	40	27	"	D	Surface 1; sand 20; clay 24; clay stones 67; fine gravel 65; shale 70. Water from 67 to 69.
Con V	H. Decker	R. Pinsonneault	Sept. 20, 1965	4	4	56	35	"	D	Topsoil 3; yellow clay 12; brown clay 70; sand gravel 72. Water from 70 to 72.
Con V	R. Lauzon	G. Rice	Sept. 20, 1965	4						Sand 10; blue mud 69; black shale 80. Dry hole.
Con V	"	"	Sept. 28, 1965	4						Sand 10; blue mud 68; broken shale 71. Dry hole.
Con V	W. Parker	"	Oct. 8, 1965	4	5	50	30	Fresh	D	Sand 10; blue mud 68; black gravel shale 69. Water from 68 to 69.
Con V	"	"	Oct. 15, 1965	4	4	40	30	"	D	Sand 10; blue mud 68; black gravel shale 69. Water at 68.
Con V	R. Lauzon	C.&M. Johnston	Oct. 16, 1965	4						Topsoil 1; sand 20; clay 25; clay small stones 62; sand 70; gravel 70; shale 75. Water at 70.
Con V	"	"	Oct. 20, 1965	4					N	Topsoil 1; sand 20; clay 25; clay stones 62; sand 70; shale 72. Water at 70. Insufficient.
Con V	D. Wilcox	"	Dec. 29, 1965	4						Topsoil 1; sand 20; clay 25; clay small stones 64; fine sand 71; shale 72. Water at 71.
Con V	D. Wilcox	"	Jan. 5, 1966	4	2	65	34	Fresh	D	Topsoil 1; sand 20; clay 25; clay small stones 64; sand 70; gravel 72; shale. Water from 70 to 72.
Con V	R. Lamonte	M. Johnston	July 4, 1966	4	2	61	31	"	D	Surface 1; sand 20; clay 24; clay stones 60; sand 68; blue clay 70; gravel 71; shale. Water from 70 to 71.
Con V	R. Henderson	D. Lecuyer	Aug. 20, 1966	4						Sandy loam 4; clay pebbles 18; soft sticky clay 45; gravel clay 48; clay pebbles 69; gravel 71; black shale 73. Dry hole.
Con V	"	"	Sept. 2, 1966	4	1 1/2	60	28	"	D	Sandy loam 3; sand 15; clay 50; clay pebbles 69; gravel 70; black sandy shale 72. Water at 70.
Con V	W. Parker	G. Rice	May 18, 1967	4						Sand 10; blue mud 68; sand 70. Dry hole.
Con V	"	"	May 31, 1967	4	2 1/2	50	35	"	D	Sand 10; blue mud 67; black shale 68. Water from 67 to 68.
Con V	"	"	June 9, 1967	4	2 1/2	50	35	"	D	Sand 10; blue mud 67; black gravel shale 68. Water from 67 to 68.
Con VI	G. Turner	D. Lecuyer	June 10, 1964	4	1		12	"	D	Clay 5; clay sand 30; clay pebbles 88; sand medium fine 91; black shale 94. Water at 91.
Con VI	"	M. Johnston	Apr. 8, 1966	4						Topsoil 2; clay 10; blue clay 30; clay sand small stones 89; gravel 90; shale 95. Dry hole.
Con VI	J. Skipper	J. Skipper	May 14, 1966	4	5	13	12 1/2	Fresh	D	Topsoil 2; yellow clay 18; clay pebbles 50; coarse gravel 52; clay pebbles sand 89; medium sand 90. Water at 90.

\* See end of Appendix C for the meanings of abbreviations and symbols.

KENT COUNTY - cont.

[illegible]

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST C.F.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)										
KENT COUNTY - cont.										
Eastlet Twp. - cont.										
Con IX	" 17 J. Sawyer	M. Johnston	Mar. 3, 1966	4	5	19	9	Fresh	D	Sand 7; blue clay stones 75; gravel 77. Water from 75 to 77.
Con IX	" 21 C. Vaeula	C.&M. Johnston	Dec. 1, 1965	7	2	109	79	Salty	D	Topsoil 1; sand 6; blue clay 40; blue clay small stones 117; fine sand gravel 119. Water from 117 1/2 to 119.
Con IX	" 21 J. Litochko	Hedco Well Digging Ltd.	Aug. 20, 1965							Brown sand 4; brown clay sand 9; blue marl 14; grey blue clay 69; brown marl 71; blue clay 81; fine gravel 82; blue clay sand 102. Dry hole.
Con IX	" 21 C. Vaeula	C.&M. Johnston	Nov. 26, 1965							Topsoil 1; sand 6; blue clay 40; blue clay small stones 120; soapstone 125. Dry hole.
Con X	" 1 C. Vandewynckel	E. John	Oct. 6, 1967	4	2 1/2	130	43	Fresh	D	Clay 12; fine gravel 129; blue shale slate 136; slate 149. Water at 148.
Con X	" 2 J. Timbrokowsz	G. Rice	May 29, 1964	4	2	70	40	"	D	Yellow clay 10; blue mud 120; quicksand 126; white mud 134; soap 135; shelly 136; black shale 140. Water at 140.
Con X	" 5 R. Finlin	O. Lecuyer	July 1, 1965	4	5	35	22	"	D, S	Hard red clay 20; soft clay 94; hardpan 88; gravel 100. Water at 98.
Con XI	" 2 H. Meukes	D. Lecuyer	May 27, 1965	4	4	42	40	"	D	Clay 7; sand gravel 20; clay pebbles 108; clay gravel 117; sandy shale 127; black greenish shale 128. Water at 117 and 127.
Con XI	" 2 O. Pinnonneault	"	June 10, 1965	4	4	45	44	"	D	Clay 7; sand gravel clay 20; clay pebbles 124; sandy clay 125; greenish shale 127. Water at 127.
Con XI	" 9 F. Millyard	"	Aug. 8, 1966	4	4	55	32	"	D	Clay 5; sand gravel 12; gravel clay 27; gravel pebbles 108; black gravel 108 1/2; black coarse shale 109. Water at 109.
Con XI	" 24 E. Cadwell	G. Gelbraith	Dec. 14, 1967	4	5	65	62	"	D	Yellow clay 12; blue clay 80; pink clay 105; hardpan gravel 106; brown clay 120; gas hardpan 127; top rock 128 1/2. Water at 127 and 128 1/2.
Con XI	" 25 Dr. J. Emerson	C.&M. Johnston	Sept. 24, 1965	7						Topsoil 2; clay 11; blue clay stones 123; gravel 124; shale 140. Dry hole.
Con XI	" 25 "	"	Sept. 29, 1965	7	3	67	57	Fresh	P	Topsoil 2; clay 11; blue clay stones 90; sand 93; blue clay stones 122; gravel 124; shale 127. Water at 124.
Con XII	" 1 A. Kennedy	H. English	Mar. 4, 1964	4	3	78	49	"	D	Yellow clay 12; blue clay stones 110; gravel 112; black shale 121; coarse sand 123; sand 129; coarse sand 131; gravel 132; rock 133. Water at 133.
Con XII	" 1 J. Simpson	G. Rice	May 20, 1964	4	2	70	2	"	D	Yellow clay 10; blue mud 80; grey mud 120; sand blue mud 125; quicksand 133; blue mud gravel 137; black shale 145. Water at 145.
Con XII	" 1 A. McIntosh	D. Lecuyer	Sept. 18, 1964	4	7	70	20	"	D	Clay 58; gravel clay 60; clay pebbles 120; sand clay 130; clay gravel 135; greenish black shale 137; black shale 138. Water at 135 and 138.
Con XII	" 1 J. Dennison	"	Nov. 26, 1967	4	6	75	60	"	D	Clay pebbles 112; gravel clay 113; clay pebbles 135; greenish black shale 137; water at 135.
Con XII	" 9 O. Dale	G. Rice	Sept. 24, 1964	4	7	85	39	"	D	Yellow clay 10; blue clay 100; grey mud 125; gravel. Water at 125.
Con XII	" 23 E. Russell	"	May 13, 1965	4	5	68	65	"	D	Yellow clay 12; blue clay 70; sand gravel 105; blue clay 126; gravel sand 134; grey rock 136. Water at 135.
Con XII	" 25 L. Daigneault	M. Hernandez	July 11, 1967	4	5	60	60	"	D	Dark clay loam 2; grey rock 118; hardpan 123; black shale 128. Water at 127.
Con XIII	" 3 A. Guttridge	D. Lecuyer	July 28, 1964	4	3	45	42	"	D	Clay 130; clay pebbles gravel 137; shaly sand 139. Water at 138.
Con XIII	" 7 J. Brown	G. Rice	June 7, 1966	4	7	53	43	"	D, S	Yellow clay 10; blue mud 110; grey mud 120; blue mud 140; broken shale 140; black shale 152. Water at 152.
Con XIII	" 24 B. Carey	D. Lecuyer	Apr. 25, 1967	4	1 1/2	60	60	"	D	Clay pebbles 135; sand gravel 138; clay gravel 140; gravel sand 142; black shale 147. Water at 144.

\* See end of Appendix C for the meanings of abbreviations and symbols.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
(Depths to which formations extend below the surface are given in feet)										
KENT COUNTY - cont. Baileigh Twp. - cont. James River Survey Con III lot 24 L. Restorick		D. Simpson	Sept. 17, 1965	4						Topsoil 1; clay 38; gravel 40; hardpan 52; sand gravel 57; hardpan. Dry hole.
Con III " 24 "		"	Sept. 22, 1965	4	4	29	26	Fresh	D	Topsoil 1; clay 42; hardpan 49; sand 57; gravel 59. Water at 57.
Con III " 24 S. Spisani		M. Johnston	Apr. 14, 1966	4						Topsoil 2; sandy clay 14; sand 16; blue clay 58; gravel 59; soft shale 69; black shale 71. Dry hole.
Con III " 24 "		"	Apr. 16, 1966	4						Topsoil 1; sandy clay 18; sand 20; blue clay stones 74; gravel 65; soil 1; yellow sand clay 15; sand 17; blue clay sand stones 63; fine gravel 65; shale. Water from 63 to 65.
Con III " 24 "		"	May 7, 1966	4	6	40	22 1/2	Fresh	D	Sand 10; blue clay 43; sand gas 45; brown clay pebbles 80; soapstone 101. Dry hole.
Con IV " 23 R. Sterling		R. Pinsonneault	Mar. 20, 1964	4						Sand 10; blue clay 44; sand gravel 45. Water at 45.
Con IV " 23 "		"	Mar. 25, 1964	4	5	32	20	Fresh	D, S	Sandy loam 6; hard clay 40; clay pebbles 52; gravel 53; clay pebbles 66; gravel 69; loose coarse black shale 70; brown-riph black shale 71. Water at 70.
Con IV " 24 H. & M. Constr.		D. Lecuyer	Sept. 15, 1966	4	3 1/2	55	21	"	D	Sandy loam 6; clay pebbles 50; clay pebbles gravel 68; gravel 69; black sandy shale 70; black soft shale 71. Water at 70.
Con IV " 24 M. Oulds		"	Sept. 22, 1966	4	5	40	21	"	D	
Bromley Twp.										
Con I lot 10	F. Bailey	M. Williams	Sep. 11, 1967	3	10	50	30	Sulphur	D	Clay 137; hardpan 138; limestone 140. Water at 140.
Con I " 11 M. Stasevich		E. Hernandez	Sep. 9, 1967	4	5	30	27	Fresh	D	Clay 150; limestone 155. Water at 152.
Con II " 19 Romney Central School		M. Williams	Mar. 10, 1964	4						Blue clay 138; black shale 155; soapstone streaks dark limestone 162; soapstone 162. Water at 155.
Con II " 19 "	"	"	Mar. 20, 1964	4	8		14	Fresh	P	Blue clay 138; black shale 155. Dry hole.
Con II " 19 "	"	"	Mar. 30, 1964	4	8		11	"	D, S	Blue clay 138; black shale. Water at 138.
Con IV " 17 K. Mills		"	July 6, 1964	3						Blue clay 118; black shale. Water at 118.
Thamesville Village										
Con I lot 12	Bank of Mont- real	D. Simpson	May 2, 1966	4						Topsoil 2; sand 12; quicksand 14; clay 37; hardpan 50; loose shale 54; hardpan 65; soapstone 80. Dry hole.
Con II " 1 St. Peters Roman Catholic Church	P. Cowan	S. Earl	May 20, 1967	4 1/2	1	60	20	Fresh	N	Sand 8; clay 40; hardpan 42; clay 59; black grey shale 65. Water at 59.
Con II " 3 R. St. Peter				30	2	18	11	Fresh	D	
Tilbury East Twp.										
Con I lot 12	M. Jubenville	Hadco Well Digging & Drilg.	May 31, 1967	30			8	Fresh	S	Topsoil 3; brown clay 4; black marl 10; blue sandy clay 22; blue clay 30. Water at 10.
Con II " 1	St. Peters Roman Catholic Church	R. McPherson Drilg. Ltd.	Aug. 1, 1967	4						Yellow clay 10; blue clay 60; quicksand 105; sand 110; brown shale 145; brown limestone 230. Dry hole.
Con II " 3	R. St. Peter	Hadco Digging Ltd.	Aug. 17, 1964	30	2	18	11	Fresh	D	Topsoil 1; brown clay stones 7; brown sand 13; blue clay 20. Water from 7 to 30.

KENT COUNTY - cont.  
Tilbury East Twp.-

CONTRACT	CONTRACT NO.	CONTRACT DATE	CONTRACTOR	CONTRACT VALUE	CONTRACT TYPE	CONTRACT DESCRIPTION	CONTRACT STATUS	CONTRACT COMMENTS
CONTRACT 1	1	1966	C. & M. Johnston	4	4	Surface 2: clay 14; fine sand 20; clay 42; clay stones 45; clay 72; clay stones 74; fine sand 76; gravel shale 82; soapstone 88. Dry hole.		
CONTRACT 2	2	1966	"	4	4	Surface 2: clay 14; fine sand 20; clay 42; clay stones 45; clay 72; clay stones 74; fine sand 76; gravel shale 82. Dry hole.		
CONTRACT 3	3	1964	R. Pinsonneault	4	4	Topsoil 3; yellow clay 12; brown clay 85; black clay 90; grey shale. Dry hole.		
CONTRACT 4	4	1964	"	4	5	Top soil 3; yellow clay 12; brown clay 85; black clay 90; grey shale. Water at 90.		
CONTRACT 5	5	1965	D. Lecuyer	4	4	Clay pebbles 15; sand 18; clay pebbles 38; gravel clay 40; clay pebbles 91; clay gravel 94; clay limestone shale 97. Dry well.		
CONTRACT 6	6	1965	"	4	4	Clay 12; sand 14; clay pebbles 90; sand clay 94; limestone shale. Dry hole.		
CONTRACT 7	7	1966	Hadco Well Digging Ltd.	30	4	Topsoil 1; brown clay 9; blue clay 35; gravel 38; blue clay 40. Water at 35.		
CONTRACT 8	8	1967	"	30	4	Topsoil 1; brown clay 14; blue clay 31; gravel 36; blue clay 45. Water at 31.		
CONTRACT 9	9	1966	J. Skipper	4	2	Topsoil 1; yellow clay 17; blue clay sand 40; hard sand 50; soft blue clay sand 106; fine sand 107; sand 110. Water at 107 and 110.		
CONTRACT 10	10	1964	Hadco Well Digging	5	15	Topsoil 1; brown clay 18; blue clay 67; blue sand 92; blue clay 115. Dry hole.		
CONTRACT 11	11	1964	"	7	4	Clay 70; sand 105; sand gravel 111; cemented gravel 113; sand gravel 120; sand 134; hard clay 140. Water from 113 to 134.		
CONTRACT 12	12	1965	E. Hernandez	4	6	Topsoil 1; yellow clay 7; blue clay 83; sand 85; blue clay 118; Kettle Point Hamilton shale 135; Kettle Point shale 152. Water from 140 to 145.		
CONTRACT 13	13	1967	M. Hernandez	8	17	Black clay loam 2; grey clay 115; hardpan 125; shelly clay 127; black shell 134. Water at 134.		
CONTRACT 14	14	1967	"	4	3	Brookton clay 1; grey clay 144; shell hardpan 145; black shell 151. Water at 145 and 151.		
CONTRACT 15	15	1965	D. Lecuyer	4	6	Sand gravel 21; clay pebbles 105; sand clay 120; sandy shale black loam 124; black shale 125. Water at 120 and 124.		
CONTRACT 16	16	1967	M. Hernandez & Sons	4	8	Clay loam 1; grey clay 121; hardpan 124; black shell 127. Water at 127.		
CONTRACT 17	17	1964	D. Lecuyer	4	4	Clay gravel 20; clay sand gravel 79; clay 87; clay stones 135; greenish soapy clay 142. Dry hole.		
CONTRACT 18	18	1964	"	4	4	Clay pebbles 20; soft clay pebbles 137; clay pebbles 141; green white limestone 143; black brown rock 146. Water at 146.		
CONTRACT 19	19	1964	G. Galbraith	4	4	Surface 10; blue soft clay 44; layer hardpan gas 45; layers sand hardpan 60; hardpan 70; black shale soapstone 80. Dry hole.		
CONTRACT 20	20	1964	"	4	4	Surface sand 10; blue soft clay 44; hard sand gas 45; slushy sand hardpan layers 51; sand 60; hardpan 70. Dry hole.		
CONTRACT 21	21	1964	"	4	4	Surface 10; blue soft clay 45; slushy hard sand 60; hardpan sand 70. Dry hole.		

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
KENT COUNTY - cont.										
Zone Twp. - cont.										
Con I lot 1	Can. Pacific R.	K. Jubberville	Aug. 6, 1964	36	50	15	7	Fresh	P	Top sand clay 4; white sand 5; blue clay 30. Water at 30.
Con I lot 14	G. Wilson	W. Marsh & Sons	July 15, 1966	5 1/2	1	40	15	"	D	Loam 1; grey clay 38; mild hardpan 39; blue shale 47; black shale 55. Water at 39.
Con II lot 12	J. Kofalt	D. Simpson	Aug. 2, 1965	4	2	35	17	"	S	Topsoil 1; sand 8; clay 41; gravel 43; black grey shale 44. Water at 41.
Con II lot 13	D. Bodkin	W. Marsh	Mar. 27, 1967	5	5	40	16	"	D, S	Clay 39; soft black grey shale 47. Water at 44. Clay 39; soft shale 47; hard sharp black shale 92; top rock 140 soapstone 159. Dry hole.
Con II lot 13	"	"	Aug. 26, 1967	6 1/2						Sand 3; clay 37; shale 51. Dry hole.
Con II lot 13	"	"	Oct. 25, 1967	6 1/2						Sand 2; clay 36; shale 50. Dry hole.
Con VI lot C	L. McDowell	Hadco Well Digging Ltd.	Oct. 21, 1965	30						Sandy clay 4; grey sand 8; brown sand 12; blue clay 40. Dry hole
River Range lot 6	Home Mission Board Toronto	W. Marsh	Mar. 22, 1966	5	7	50	45	Fresh	P	Grey top sand 20; grey clay small stones 65; muddy gravel 69; sandy hardpan 90; stiff hardpan 97; mild hardpan 135; soapstone 179; limestone shells soapstone 210. Water at 65 and 95.
River Range lot 6	"	"	Mar. 31, 1966	5	10	45	42	"	P	Top sand 12; grey clay stones 52; stiff hardpan 55; sandy hardpan 61; muddy hardpan 70. Water at 60.
River Range lot 10	H. Marous	"	Mar. 31, 1967	50	15	65	53	"	D	Sand 6; gravelly sand 14; grey clay stones 73; sand 87; hardpan 117; gravel sand 126; hardpan 138; gravel 142; hardpan 143. Water from 6 to 14, 117 to 126 and 138 to 142.

LAWTON COUNTY  
Alvinston Village

F. Mills	R. Dolphin	July 22, 1964 July 24, 1964	4	24	63	15	Fresh	D	Yellow clay 15; blue clay 72; black shale 80. Water at 76. Sand 20; blue clay 70; hardpan 72; black shale 84. Water from 15 to 20.
W. Redick	"	Feb. 10, 1965							Sand gravel 20; blue clay 76; black shale. Dry hole.
F. Kucera Jr.	"	Feb. 11, 1960							Sand gravel 20; blue clay 60; hardpan 67; gravel 68; black shale. Water at 67 and 68.
Ont. Dept. of Highways	S. Atkinson	June 4, 1965	6	1	96	40	"	N	Backfill 15; grey clay 67; hardpan 70; black shale 96. Water at 70.
	"	June 8, 1965	6	4	30	20	"	P	Sand gravel 10; grey clay 70; hardpan shale 71. Water at 71.
Vlg. Alvinston	R. Dolphin	Aug. 20, 1965	4	8	39	28	"	P	Sand gravel 7; blue clay 34; sand gravel 43; blue clay 77; black shale 77 1/2. Water at 34 and 77.
"	"	Aug. 20, 1965	5	12	28	14	"	P	Sand gravel 7; blue clay 34; sand gravel 40. Water from 34 to 40.
"	Dolphin & Earl	Aug. 26, 1965						T	Gravel sand 8; sand clay 18; blue clay 72; black shale 73. Water at 72.
"	"	Sep. 2, 1965	7	24	35	26	"	T	Sand 18; blue clay 75; shale gravel 76; black shale 77. Water at 76.
A. Gona	"	Nov. 5, 1965	4	10	27	22	"	D	Sand 20; blue clay 70; gravel 72. Water from 70 to 72.
C. Kimball	R. Lather	June 28, 1967	4	10	30	26	"	D	Sand 5; sand gravel 16; grey clay 73; horipan gravel 75; black shale. Water from 74 to 75.
K. Earl	E. & R. Lather	July 31, 1967	4	10	35	33	"	D	Yellow clay 20; blue clay 74; gravel 75. Water from 74 to 75.
O. Wilson	"	Aug. 4, 1967	4	10	40	35	"	D	Yellow clay 20; blue clay 72; hardpan 74; gravel 75. Water at 74.
N. Pitt	"	Aug. 11, 1967	4	77	28	28	Fresh	N	Sand 16; grey clay 73; hardpan 75; black shale 82. Dry hole.
"	"	Aug. 16, 1967	4	3	55	28	"	D	Sand 16; grey clay 74; hardpan 76; black shale 77. Water at 76.
"	"	Aug. 22, 1967	4	3				D	Sand 14; grey clay 36; grey sand 38; clay 75; hardpan gravel 77; black shale. Water at 77.
Baptist Church	Dolphin & Earl	Mar. 4, 1967	4	6	40	23	"	D	Sand 7; clay sand 26; blue clay 74; gravel 75; black shale. Water from 74 to 75.
D. Smith	"	Mar. 14, 1967	4	3	55	20	"	D	Sand 20; blue clay 68; hardpan 70; gravel 72; black shale. Water from 70 to 72.
T. Earl	Earl & Lather	Mar. 14, 1967	4					D	Sand 20; blue clay 70; black shale. Dry hole.
H. McLochlan	"	Sep. 25, 1967	4	10	47	29	Fresh	D	Sand 12; grey clay 36; fine sand 40; grey clay 76; hardpan 77; black shale. Water at 77.
"	"	Oct. 11, 1967	4					D	Sand 19; grey clay 71; hardpan 73; black shale 77. Dry hole.
"	"	Oct. 14, 1967	4					D	Sand 19; grey clay 71; hardpan 73; black shale 75. Dry hole.
"	"	Oct. 21, 1967	4					D	Sand 19; grey clay 71; hardpan 73; black shale 77. Dry hole.
H. Frank	A. Heel	May 9, 1964	4	50	75	12	Fresh	D	Topsoil gravelly clay 8; yellow clay 15; blue clay 53; gravelly clay 55; gritty clay 61; soft limestone 75. Water at 67.
G. Curtis	"	Oct. 1, 1964	4	20		15	"	D	Topsoil gravel 9; clay 33; muddy sand 44; sand 47; muddy sand 48. Water from 45 to 47.
A. Muxlow	"	Oct. 6, 1964	4						Dug hole 16; muddy sand 40; clay 64; gritty clay 75; soft rock 80; grey limestone 95. Dry hole.

Arkona Village

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST DEPTH F.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
LANE COUNTY - cont. Arkona Village - cont.	E.Giles	A.Heal	Oct. 9, 1964	4	2	72	25	Fresh	D	Topsoil gravelly clay 12;sand clay streaks 25;clay 43;clay sand streaks 68;coarse sand clay streak 72½. Water from 70 to 72½.
	A.Murrow	"	Oct. 18, 1964	4	1	80	40	"	D	Yellow topsoil 16;blue clay sand streaks 57;gritty clay 74; grey limestone 80. Water at 65.
	G.Davey	P.Jackson & Son	June 25, 1966	6½	8	50	22	"	D	Sandy hardpan 4;clay gravel 15;gravel clay boulder 30;false rock 31;limestone 36;black shale 100;soapstone 105. Water from 31 to 36.
	K.Smith	A.Heal	Dec. 1, 1966	4	1	64	6	"	D	Topsoil sandy clay 24;blue clay 48;muddy sand 52;clay sand streaks 63;soft limestone 68. Water at 63½.
	M.Thomson	R.Hudson	Sep. 26, 1967	36	1	24	17	"	D	Gravel 15;fine sand 37½. Water at 17.
Bosanquet Twp.	R.VanPrate	R.Hudson	Dec. 15, 1967	36	10	15	4	Fresh	D, S	Sand 13. Water at 4.
	J.Felleboer	A.Heal	Apr. 24, 1964	4	5	34	26	"	D	Yellow topsoil 15;blue clay 22;boulders 24;gravelly clay 27; gravel 30;coarse sand 40;clay 42. Water from 33 to 40.
	D.Sercombe	"	Apr. 23, 1964	4	5	64	27	Sulphur	D	Yellow topsoil 15;blue clay 26;gravel 28;sand 32;blue clay 70; muddy hardpan 78;limestone 83. Water at 78.
	J.Lacey	"	Jan. 27, 1965	4	4	72	52	Fresh	D, S	Topsoil gravel 8;sand 25;sandy clay 40;blue clay 102;sand clay streaks 150;sand 161. Water from 150 to 161.
	P.Zavitz	R.Hudson	Dec. 15, 1964	36	1	20	5	"	D	Brown clay 4;sandy clay 8;blue clay 23. Water at 8.
	R.Watson	A.Heal	May 30, 1967	6	3	10	1½	"	D	Topsoil 14;limestone 5;limestone clay streaks 8;soapstone 30. Water at 5 and 8.
	G.VanRiel	"	July 7, 1964	4	3	65	26	"	D, S	Yellow topsoil 15;blue clay 105;hardpan 106;limestone 108. Water from 105 to 106.
	P.Vandenboer	"	Sep. 9, 1964	4				"		Topsoil yellow clay 15;blue clay 62;limestone 83;grey shale 85. Dry hole.
	"	"	Sep. 14, 1964	4				"		Topsoil yellow clay 15;blue clay 63;limestone 85;grey shale 94. Dry hole.
	V.Fuller	G.Hussey	Nov. 24, 1964	4	2	115	40	Fresh	D	Clay 98;sand 104;clay streak sand 149;black shale 155. Water at 98.
	J.Hill	A.Heal	Sep. 23, 1964	4	5	40	35	"	D, S	Topsoil clay 15;blue clay 93;hardpan 96;limestone 98. Water at 96½.
	E.Bressette	P.Jackson	July 19, 1965	6	2	40	5	Sulphur	D	Slate sandy loam 5;black shale 30;limestone clay 40. Water at 18.
	J.Warner	R.Hudson	July 24, 1967	36	20	22	16	Fresh	P	Sand 24;blue clay. Water at 16.
	R.Thorn	R.Smith	June 15, 1967	4	10	22	22	"	P	Dug well 20;stones clay 21;clay sand 25;brown sand 30;grey sand 36. Water from 30 to 36.
	S.Wamen	P.Jackson	Aug. 2, 1965	4	4	30	20	Sulphur	D, S	Sand 26;clay 3;sand clay grit 25;clay boulders 35;black shale 36. Water at 35.
	Indian Hall Golf Club	A.Heal	June 3, 1965	4	1	120	38	Salty	D	Topsoil yellow clay 12;blue clay 78;hardpan 100;limestone streaks 133. Water from 100 to 101.
	"	"	May 25, 1965	4				"		Topsoil yellow clay 12;blue clay 68;hardpan 78;soft rock 121. Dry hole.
	D.Sifton	R.Hudson	Dec. 10, 1964	36	5	24	22	Fresh	D	Sand 22;gravel 24. Water at 21.
	D.Macklin	"	Sep. 23, 1967	36	40	20	17½	"	D	Sand 18;gravel 21. Water at 17½.
	J.Aselstyne	"	Sep. 26, 1964	36	30	17	15	"	D	Sand 15;coarse gravel 18. Water at 15.



LAMONT COUNTY - cont.  
Bosanquet Twp. - cont.  
LRW

LRW	"	72	C.Long	A.Heal	Aug. 4, 1966	6	< 1	53	25	Fresh	D	Topsoil gravelly clay 7; blue clay 27; boulders gravelly clay 32; gritty clay 38; limestone 38; gritty clay 44; limestone 49; soapstone 53. Water from 30 to 32.
LRW	"	72	"	"	Aug. 6, 1966	"	1	51	25	"	D	Topsoil gravelly clay 6; blue clay 30; boulders 31; gritty clay 38; limestone 39; clay 45; limestone 49; soapstone 51. Water from 30 to 31.
LRW	"	72	A.Perritt	"	Aug. 3, 1967	4	3	26	23	"	D	Topsoil sand 10; blue clay 22; muddy gravel 24; gritty clay 36; black gravel clay streaks 39; limestone 41; clay 46; limestone 51. Water at 42.
LRW	"	72	L.McBean	"	Aug. 8, 1967	4	3	27	27	"	D	Topsoil sandy clay 4; blue clay 41; limestone 42; gritty clay 47; loose limestone 48; hard limestone 50. Water at 49.
LRW	"	72	G.Pemberton	"	Aug. 11, 1967	4	5	29 1/2	28 1/2	"	D	Topsoil sandy clay 8; blue clay 30; clay boulders 40; gritty clay 48; grey limestone 51. Water at 42.
LRW	"	78	F.Doherty	F.Jackson	May 27, 1964	4	15	90	62	"	D	Topsoil clay 3; hardpan 15; blue clay stones 80; black shale grit 90; black shale limestone 100. Water at 95.
LRW	"	80	H.Pearson	A.Heal	July 15, 1967	4	5	70	63	"	D	Yellow topsoil 16; blue clay 74; hardpan 82; black shale 94; grey shale 96. Water from 94 to 96.
LRW	"	82	W.Legue	"	Aug. 16, 1967	4	4	74	59	"	D	Topsoil sandy clay 8; blue clay 77; hardpan 80; black shale 97. Water at 80.
LRW	"	83	B.McKerlie	"	Aug. 14, 1964	"	"	"	"	"	"	Topsoil yellow clay 16; blue clay 73; hardpan 79; black shale 82. Dry hole. Gas at 75.
LRW	"	83	"	"	Aug. 17, 1964	"	"	"	"	"	"	Yellow topsoil 16; blue clay 73; hardpan 79; black shale 82; gas at 75. Dry hole.
LRW	"	83	"	"	Aug. 19, 1964	"	"	"	"	"	"	Yellow topsoil 16; blue clay 73; hardpan 78; black shale 80; gas at 74. Dry hole.
LRW	"	83	W.Loranger	"	Apr. 27, 1966	4	3	72	64	Fresh	D	Yellow topsoil 14; blue clay 69; hardpan 79; black shale 80.
SBC	"	16	G.Luck	"	Apr. 1, 1964	4	2	98	25	"	D	Topsoil sandy clay 18; blue clay 79; sand 81; clay sand streaks 92; sand 97; black shale 99. Water from 93 to 97.
Brooke Twp.												
Con I	lot 16	"	B.Meyers	W.Marsh	Jan. 4, 1964	5	5	55	40	Fresh	D, S	Sand 5; clay 25; silty clay 63; gravel 65. Water at 63.
Con II	" 7	"	J. Forbes	S.Earl	June 12, 1965	4	2	43	18	"	D	Clay 49; black shale 50. Water from 49 to 50.
Con II	" 8	"	W.Campbell	W.Weatherstone & D.Williams	Nov. 3, 1967	6	5	32	28	"	D, S	Gravel loam 8; blue clay 55; black clay stones 56. Water at 56.
Con II	" 20	"	J.Lehrbass	A.Heal	Feb. 26, 1964	4	1 1/2	"	20	"	N	Topsoil yellow clay 14; blue clay 65; loose grey shale 84. Water from 65 to 65 1/2.
Con II	" 20	"	"	"	Mar. 2, 1964	4	"	"	"	"	"	Topsoil yellow clay 14; blue clay 65; grey shale 79; black shale 81. Dry hole.
Con II	" 20	"	"	"	Mar. 3, 1964	4	3	30	20	Fresh	D	Topsoil yellow clay 14; blue clay 63; hardpan 65; grey shale 66. Water from 63 to 65.
Con II	" 22	"	L.Grey	Dolphin & Earl	Aug. 26, 1965	4	5	30	9	"	D	Sand gravel 15; soupy clay 68; sand gravel 69; blue shale 72. Water from 71 to 72.
Con III	" 11	"	F.Merden	"	Mar. 11, 1965	4	4	35	28	"	D, S	Yellow clay 10; blue clay 64; hardpan 66; blue shale 70. Water at 68.

\* See end of Appendix C for the meanings of abbreviations and symbols.

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LAMINGTON COUNTY - cont. Brooke Twp. - cont.																						
Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX	Con IX
D. McLaughlan	G. McEachern	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Nov. 25, 1967	Dec. 7, 1965	Dec. 8, 1965	Jan. 25, 1966	Dec. 8, 1965	Aug. 16, 1965	Aug. 16, 1965	Apr. 20, 1964	Sep. 20, 1964	Oct. 11, 1967	Oct. 12, 1967	Oct. 13, 1967	June 6, 1967	July 23, 1965	Oct. 20, 1966	May 21, 1965	July 23, 1964	July 25, 1964	July 16, 1964	Jan. 12, 1965	July 14, 1964	Aug. 17, 1964	Aug. 1, 1964
W. Newport & Sons Ltd.	A. Heal	"	"	"	"	"	"	"	F. Jackson & Son	"	"	S. Earl	Dolphin & Earl	L. Rawson	Dolphin & Earl	S. Earl	"	A. Heal	"	S. Earl	"	C. Throver
7 1/2	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4 1/2	4 1/2	4	4	4	4 1/2	5
4	50	20	65	26	50	4	18	18	55	45	2	8	17	25	2	36	80	55	25	25	3	27
Fresh	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Clay 60; coarse gravel 65; black shale top rock 125. Water from 60 to 65. Yellow topsoil 16; blue clay 39; muddy hardpan 49; grey shale 65. Dry hole. Yellow topsoil 14; blue clay 27; muddy hardpan 37; grey shale 46. Dry hole. Yellow topsoil 15; blue clay 45; muddy hardpan 57; grey shale 65. Water from 57 to 60. Yellow clay 20; blue clay 42; gravel 45. Water from 42 to 45. Yellow clay 15; blue clay 53; gravel 55. Water from 53 to 55. Yellow clay 15; blue clay 52; hardpan 54; black shale 137. Dry hole. Yellow clay 10; blue clay 58; hardpan 60; black shale. Water at 60. Yellow clay 12; blue clay 58; hardpan 60; gravel 61; black shale. Water from 60 to 61. Clay loam 2; hardpan 15; blue clay 49; black shale 60. Dry hole. Clay loam 2; hardpan 15; blue clay 49; black shale 65. Dry hole. Hardpan 15; blue clay 50; black shale 60. Water at 50. Clay 69; hardpan 70; clay 74; grey shale 89; black shale 113. Water at 79 and 103. Yellow clay 15; blue clay 45; hardpan 70; shale 72. Water at 72. Topsoil 10; blue clay 56; hardpan 57; black shale 60. Water at 57 1/2. Red clay 12; blue clay 50; hardpan 59; fine gravel 60. Water at 59. Clay 48; black shale 51. Dry hole. Clay 47; black shale 48. Dry hole. Yellow topsoil 15; blue clay 81; hardpan 89; grey shale 92 1/2. Water from 88 to 89. Topsoil yellow clay 14; blue clay 105; hardpan 106; black shale 108. Water from 105 to 106. Yellow topsoil 15; blue clay 102; hardpan 111; black shale 114. Water from 105 to 111. Clay 57; hardpan 59; black shale 82; grey limestone 83. Water from 65 to 70. Top sandy clay 10; blue clay 46; black shale 50. Dry hole. Clay 5; blue clay 45; shale 50. Water at 50. Clay 5; blue clay 45; shale 55. Dry hole. Clay 5; blue clay 45; shale 80. Water at 75. Topsoil 5; blue clay 35; coarse gravel 40; black shale 45. Water from 35 to 40.																						

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
LANEY COUNTY - cont.										
Dawn Twp.										
Con I	lot 18	B. Phair	R. Simpson	Sep. 28, 1966	4	5	30	Fresh	D, S	Topsoil 2; yellow clay 9; blue clay 58; loose black shale 59. Water at 58.
Con I	" 25	B. Langstaff	"	June 21, 1967	4	4	40	Sulphur	D, S	Topsoil 2; yellow clay 9; blue clay 80; gravel loose shale 82; black shale 83. Water at 80.
Con I	" 25	"	"	June 22, 1967	4					Topsoil 2; yellow clay 9; blue clay 81; black grey shale 88. Dry hole.
Con I	" 26	G. Babcock	"	Nov. 22, 1967	4	4	44	Fresh	D, S	Topsoil 2; yellow clay 9; blue clay 66; gravel loose shale 67; black shale 68. Water at 66.
Con I	" 30	G. Marr	D. Wade	Nov. 30, 1967	4					Yellow clay 10; blue clay 78; hardpan 80; black shale 93; grey shale 95. Dry hole.
Con I	" 30	"	"	Dec. 1, 1967	4	7	30	Fresh	D	Yellow clay 10; blue clay 78; hardpan 80; black shale 90. Water at 80.
Con I	" 32	W. Metcalf	A. Heal	July 11, 1964	4	3	32	"	D	Yellow topsoil 15; blue clay 75; hardpan 76; black shale 87; Water from 75 to 76.
Con II	" 13	K. Clark	D. Simpson	Jan. 15, 1966	4	2	30	Sulphur	D, S	Topsoil 1; clay 50; loose shale gravel 52; black shale. Water at 50.
Con II	" 20	R. Stevens	H. McDonald	Apr. 23, 1965	4	6	30	Fresh	D, S	Topsoil 2; brown clay 18; blue clay 62; gravel 63; black shale 64. Water at 62.
Con II	" 20	J. Stevens	"	Apr. 30, 1965	4	4	50	"	D	Topsoil 2; brown clay 22; blue clay 67; gravel 69; black shale 70. Water at 67.
Con II	" 24	N. McLaughlin	"	June 23, 1966	4	5	40	Fresh	D, S	Topsoil 2; brown clay 20; blue clay 68; black shale 70. Dry hole.
Con II	" 24	"	"	June 26, 1966	4					Topsoil 2; brown clay 20; blue clay 68; gravel 69; black shale 70. Water from 68 to 69.
Con II	" 24	"	"	Nov. 10, 1966	4	3	60	Fresh	N	Topsoil 2; brown clay 20; blue clay 69; black shale 70.
Con II	" 24	"	"	Nov. 20, 1966	4				D	Topsoil 2; brown clay 20; blue clay 69; gravel 70; black shale. Water at 69.
Con II	" 28	M. McFadden	W. Weatherstone & D. Williams	June 3, 1965	6	5	17 1/2	Salt	D, S	Top brown clay 14; blue clay 60; coarse stony gravel 62. Water at 60.
Con II	" 30	Knox Presbyterian Church	R. Simpson	Apr. 18, 1967	4	5	23	Fresh	D	Topsoil 2; yellow clay 9; blue clay 70; gravel loose shale 71; black shale 72. Water at 70.
Con II	" 32	D. Graham	"	June 6, 1967	4					Topsoil 2; yellow clay 9; blue clay 55; black shale 56. Dry hole.
Con II	" 32	"	"	June 8, 1967	4					Topsoil 2; yellow clay 9; blue clay 55; black shale. Dry hole.
Con II	" 32	"	"	June 9, 1967	4					Topsoil 2; yellow clay 9; blue clay 55; black shale 57. Dry hole.
Con II	" 32	"	"	June 10, 1967	4	4	40	Fresh	S	Topsoil 2; yellow clay 9; blue clay 55; loose shale 56; black shale 58. Water from 56 to 58.
Con III	" 16	M. Carr	D. Wade	July 28, 1966	4	15	15	"	D	Yellow clay 4; blue clay 58; hard sand 59. Water from 58 to 59.
Con III	" 20	N. Robinson	R. Simpson	Sep. 1, 1965	4	5	25	"	D	Topsoil 2; yellow clay 9; blue clay 66; loose shale 67; black shale 69. Water at 66.
Con IV	" 25	N. McDonald	"	June 10, 1965	4	8	25	"	S	Topsoil 2; yellow clay 10; blue clay 68; loose shale gravel 69; black shale 70. Water at 69.
Con V	" 10	G. Kerr	"	Mar. 22, 1965	4	4	30	"	D, S	Topsoil 2; yellow clay 10; blue clay 72; hardpan gravel 79; gravel 81. Water at 79.
Con V	" 15	J. Ennett	"	Aug. 20, 1964	4					Topsoil 2; yellow clay 9; blue clay 52; black shale 56. Dry hole.
Con V	" 15	"	"	Aug. 21, 1964	4					Topsoil 2; yellow clay 9; blue clay 52; black shale. Dry hole.
Con V	" 15	"	"	Aug. 22, 1964	4					Topsoil 2; yellow clay 10; blue clay 51; black shale 55. Dry hole.
Con V	" 15	"	"	Aug. 24, 1964	4					Topsoil 2; yellow clay 9; blue clay 52; black shale 58. Dry hole.
Con V	" 15	"	"	Aug. 25, 1964	4					Topsoil 2; yellow clay 9; blue clay 51; black shale 56. Dry hole.

LAMBTON COUNTY - cont.

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\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont.										
Dawn Twp. - cont.										
Con VIII lot 25	Dawn Twp. Public School	D. Williams	Aug. 8, 1964	7	10	24	18	Fresh	P	Brown top clay 11; blue clay 40; black gritty clay 51. Water at 51.
Con VIII "	Dawn Central School	R. Simpson	Apr. 1, 1965	4	10	30	19	"	P	Topsoil 2; yellow clay 7; blue clay 51; loose shale 52; black shale 54. Water at 51.
Con VIII "	"	"	Apr. 4, 1965	7	10	25	18	"	P	Topsoil 2; yellow clay 7; blue clay 51; loose shale 52; black shale 54. Water at 51.
Con VIII "	K. Urquhart	C. Webster	Aug. 10, 1964	6	5	23	18	"	D, S	Topsoil 2; blue clay 52; gravel 54. Water at 52.
Con VIII "	T. Thomas	R. Simpson	May 25, 1964	4				"		Topsoil 2; yellow clay 9; blue clay 50; black shale 52. Dry hole
Con VIII "	"	"	May 27, 1964	4				"		Topsoil 2; yellow clay 9; blue clay 50; black shale 52. Dry hole
Con IX "	D. Webster	"	May 1, 1965	4	4	18	16	Sulphur	S	Topsoil 2; yellow clay 9; blue clay 24; black shale 26. Water at 24.
Con IX "	W. Bell	"	Aug. 22, 1965	4	6	24	16	Fresh	D, S	Topsoil 2; yellow clay 9; blue clay 45; black shale 46. Water at 45.
Con IX "	D. Zavitz	C. Webster	May 10, 1964	6	5	38	34	"	D, S	Topsoil 3; blue clay 51; hardpan black gravel 52. Water at 52.
Con IX "	O. Vermaeghe	R. Simpson	May 19, 1964	4	5	25	16	"	D, S	Topsoil 2; yellow clay 6; blue clay 53; limestone black shale 54; hard black shale 55. Water at 53.
Con X "	E. Eden	"	Aug. 30, 1965	4	6	26	16	"	D, S	Topsoil 2; yellow clay 9; blue clay 45; black shale 46. Water at 45.
Con X "	A. Graham	W. Weatherstone & D. Williams	Nov. 9, 1967	6	5	19	15	"	D, S	Topsoil 1; brown clay 7; blue clay 43; black stony clay 46; black gravel 46. Water from 46 to 46. Water at 60.
Con X "	D. Zavitz	C. Webster	Apr. 28, 1964	6	5	37	42	"	S	Topsoil 2; blue clay 60; gravel 62. Water at 60.
Con XI "	C. Leeson	"	July 22, 1966	6	3	15	12	"	D, S	Topsoil 2; light blue clay 20; blue clay silt 36; layer black coarse gravel 36; black shale. Water from 36 to 36.
Con XI "	W. Leng	W. Weatherstone & D. Williams	June 18, 1966	6	3	19	14	Sulphur	D	Topsoil 8; white clay 36; black gravel stones 37. Water from 36 to 37.
Con XI "	R. Barrrell	D. Simpson	Nov. 18, 1964	5	4	32	16	"	D, S	Topsoil 2; clay 36; loose shale gravel 37. Water at 36.
Con XI "	J. Brown	W. Weatherstone & D. Williams	Nov. 17, 1964	6	5	16	15	Fresh	D, S	Top clay 12; blue clay 42; black gravel 4. Water at 43.
Con XI "	J. Dunlop	D. Simpson	Nov. 23, 1964	4	5	40	29	"	D	Topsoil 2; clay 72; loose shale gravel 73; black shale 75. Water at 75.
Con XI "	S. Moorehouse	W. Weatherstone & D. Williams	Dec. 30, 1967	6	5	36	30	"	S	Brown clay 9; hard blue clay 73; black clay stones 76; black gravel stones 77. Water from 76 to 77.
Con XII "	E. Gould	"	July 30, 1964	6	10	12	11	"	D, S	Top clay 7; blue clay 2; black gravel 26. Water at 24.
Con XII "	K. McPadden	R. Simpson	Mar. 25, 1965	4	2	30	12	"	N	Topsoil 2; yellow clay 7; blue clay 44; black shale 49. Water at 44.
Con XII "	J. Neville	W. Marsh	Nov. 7, 1967	6 1/2	10	45	13	"	D, S	Brown clay 18; grey clay 22; hardpan 31; blue shale 49; blue black shale 56. Water from 22 to 24 and from 49 to 56. Sulphur.
Con XII "	L. Williams	W. Weatherstone & D. Williams	Sep. 2, 1964	6	6	12	12	"	D, S	Top clay 11; blue clay 29; black gravel 31. Water at 31.
Con XII "	L. Wright	"	July 2, 1964	6	5	19	14	"	D, S	Top clay 5; blue clay 30; coarse gravel 32. Water at 32.
Con XII "	A. Scholze	R. Pinsonneault	Aug. 25, 1964	4	3	30	15	"	D	Topsoil 1; yellow clay 12; brown clay 37; loose shale 38; hardpan 40; scapstone 42; limestone 46. Water at 38.
Con XII "	"	R. Simpson	July 25, 1964	4				"		Topsoil 2; yellow clay 7; blue clay 35; limestone soap 42. Dry hole.
Con XII "	"	"	July 27, 1964	4				"		Topsoil 2; yellow clay 7; blue clay 34; black shale 36. Dry hole
Con XII "	"	"	July 28, 1964	4				"		Topsoil 2; yellow clay 8; blue clay 34; soupy limestone 42. Dry hole.



LAWTON COUNTY - cont.

Dawn Twp. - cont. Con XII	lot 24	J. Jack	C. & M. Johnston	July 3, 1965	4	5	14	12	Sulphur	S	Topsoil 1; clay 7; blue clay 47; gravel 48; shale. Water from 47 to 48.
Con XII	" 28	M. McGuire	R. Simpson	May 25, 1965	4	6	22	16	Fresh	D, S	Dug well 15; blue clay 60; black shale 61. Water at 60.
Con XII	" 29	R. Cook	C. Webster	Aug. 27, 1966	7	5	26	21	Sulphur	D, S	Topsoil 3; blue clay pebbles 45; blue clay 76; gravel 78. Water from 76 to 78.
Con XII	" 29	"	"	Aug. 29, 1966	7	5	26	21	Fresh	D, S	Topsoil 5; blue clay pebbles 45; blue clay 76; gravel 78. Water at 77.
Con XII	" 31	L. Butler	R. Simpson	Apr. 5, 1964	4	5	40	23	"	D, S	Topsoil 2; yellow clay 7; blue clay 62; hardpan 65; shale gravel 67; black shale. Water at 65.
Con XIII	" 13	A. Huston	D. Simpson	Feb. 12, 1967	4	12	17	15	"	D, S	Topsoil 2; red clay 8; blue clay 29; gravel 31. Water at 29.
Con XIII	" 16	F. Charron	Wade's	Aug. 2, 1966	4	10	15	12	"	D	Yellow clay 15; blue clay 31; grey clay stones 35. Water at 35.
Con XIII	" 20	Lawton Bros	R. Pinsonneault	Sep. 1, 1966	4	4	12	9	"	S	Topsoil 3; brown clay 40; shale. Water at 40.
Con XIII	" 21	D. Williams	R. Simpson	Feb. 17, 1966	4	5	18	16	Sulphur	D, S	Topsoil 2; yellow clay 9; blue clay 45; loose shale 46; black shale 47. Water at 45.
Con XIII	" 25	J. Sharp	W. Marsh	Oct. 21, 1967	6 1/2	10	30	14	"	D, S	Old well 42; gravel shale 45. Water from 42 to 45.
Con XIII	" 26	L. Webster	W. Weatherstone & D. Williams	Oct. 25, 1966	6	5	23	15	"	S	Brown clay 8; blue clay 44; black gravel 46. Water from 44 to 46.
Con XIV	" 15	G. Osborne	R. Simpson	Aug. 4, 1966	4	4	33	32	"	D	Topsoil 5; yellow clay 8; blue clay 32; shaly hardpan 36; black shale 40. Water from 32 to 36.
Con XIV	" 16	S. Smith	Dolphin & Earl	Apr. 28, 1965	5	4	20	12	"	S	Yellow clay 18; clay sand 35; gravel 37 1/2; black shale 38. Water at 37.
Con XIV	" 16	E. Maynard	R. Simpson	Aug. 3, 1966	4	5	21	21	"	D	Topsoil 4; yellow clay 7; blue clay 23; black shale 24. Water at 23.
Con XIV	" 16	J. Elliott	S. Earl	Apr. 27, 1964	4 1/2	7	44	30	"	D	Clay 40; black shale 58; grey shale 92. Water at 90.
Con XIV	" 16	S. Smith	T. Earl	Oct. 14, 1964	5	3	35	Flows	"	S	Red clay 10; blue clay 35; hardpan 38; gravel 37; black shale 44 1/2. Water at 37.
Con XIV	" 16	W. McCutcheon	S. Earl	Apr. 3, 1965	4 1/2	4			"		clay 40; black shale 60; grey shale 144. Dry hole.
Con XIV	" 16	E. Maynard	R. Simpson	Aug. 2, 1966	4				"		Topsoil 4; yellow clay 8; blue clay 25; black shale 36; dark grey limestone 40. Dry hole.
Con XIV	" 16	B. Bockin	R. Pinsonneault	Apr. 20, 1967	4	2			Sulphur	D	Sand 5; clay 25; shale 30. Water at 26.
Con XIV	" 22	G. Elliott	S. Earl	May 31, 1967	4				Fresh	D	Sand 5; clay 40; hardpan 43; grey black shale 65; black shale 117; grey shale 154. Water at 65.
Con XIV	" 22	"	"	June 2, 1967	4	2	90	32			
Eniskillen Twp. Con I	lot 9	W. Kelly	W. Weatherstone & D. Williams	May 28, 1965	6	5	25	20	Fresh	D, S	Top brown clay 10; blue clay 58 1/2; black sand 59. Water at 58 1/2.
Con I	" 16	Jack Bros.	E. Morningstar	Sep. 16, 1965	5 1/2						Yellow clay 11; blue clay 56; black shale 76; grey limestone 85; black shale 95; grey limestone 96; black shale 98; grey limestone 102; shale. Dry hole.
Con I	" 16	"	"	Sep. 20, 1965	5 1/2	2	45	28	Fresh	S	Yellow clay 11; clay hardpan 16; blue clay 48; stony black shale 52; black shale 57. Water at 57.
Con I	" 16	D. Evey	"	Nov. 5, 1966	5						Yellow clay 10; blue clay 53; black shale 73; grey limestone 81; soapstone shale 84; grey limestone 98. Dry hole.
Con I	" 22	L. Oliver	"	Sep. 8, 1965	5 1/2	10	25	22	Fresh	S	Yellow clay 12; blue clay 57; black shale. Water at 57.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST E.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	Kind of WATER	USE *	LOG AND REMARKS *
(Digits to which formations extend below the surface are given in feet)										
LAMETON COUNTY -cont. Emiskillen Twp. -cont.										
Con I lot 29 S.Mills	W. Weatherstone & D. Williams	July 7, 1964	6	10	27	20	20	Fresh	D, S	Top clay 10; blue clay 44; black gravel 45. Water at 45.
Con I 30 R. Meter	"	Aug. 12, 1966	6					"	D, S	Topsoil 9; white clay 61; black clay stones 63. Dry hole.
Con II 3 L. Hull	E. Morningstar	Nov. 14, 1964	5	5	50	21	21	"	D, S	Yellow clay 10; blue clay 59; grey rock 61; black shale 65. Water at 61.
Con II 8 J. Piggett	"	Aug. 13, 1964	5					"	D, S	Yellow clay 19; blue clay 55; sand gravel 56; black shale 108; hard grey limestone 108. Dry hole.
Con II 8 "	"	Aug. 15, 1964	5					"	D, S	Yellow clay 13; blue clay 60; black shale 70. Dry hole.
Con II 5 R. Leeson	"	June 15, 1966	5					"	D, S	Yellow clay 23; blue clay 50; black shale 115; grey limestone 199. White soapstone 204. Dry hole.
Con III 6 L. Anderson	"	May 18, 1966	5	1	104	20	20	Fresh	D, S	Yellow clay 23; blue clay 50; black shale 107. Water from 75 to 107.
Con III 20 A. Hales	Dolphin & Earl	Aug. 25, 1964	4	3	40	27	27	"	D	Red clay 12; blue clay 40; hardpan 58; rock. Water at 58.
Con III 27 C. Rydges	E. Morningstar	May 15, 1964	5	10	38	35	35	"	S	Yellow clay 11; blue clay 58; black shale 60. Water from 59 to 60.
Con IV 7 K. Anderson	"	Nov. 19, 1964	5	5	40	30	30	"	D, S	Yellow clay 22; blue clay 73; top rock shale 78. Water from 75 to 78.
Con IV 9 W. Brendon	H. Brandon	Dec. 22, 1964	5					"	D, S	Red clay 20; blue clay 67; black shale 75. Dry hole.
Con IV 9 "	"	Dec. 23, 1964	5	5	25	15	15	Fresh	D, S	Red clay 20; blue clay 67; black shale 80. Water from 67 to 80.
Con IV 9 L. Stokes	"	May 20, 1966	4	10	37	32	32	"	D	Red clay 14; blue clay 59; black shale 91. Water from 59 to 91.
Con IV 16 Emiskillen Central School	L. Rawson	Feb. 24, 1965	4 1/2	7	30	30	30	"	P	Topsoil 8; blue clay 57; hardpan 67; black shale 70. Water at 67.
Con IV 16 "	E. Morningstar	June 1, 1965	5 1/2	10	44	42	42	"	P	Yellow clay 10; blue clay 60; black shale 66. Water from 61 to 66.
Con IV 17 B. Casceden	H. Brandon	Sep. 21, 1966	4	10	35	25	25	"	D	Red clay 15; blue clay 80; black shale 84. Water from 80 to 82.
Con IV 17 W. Casceden	L. Rawson	May 10, 1967	4					"	D	Topsoil 9; blue clay 72; hardpan 77; black shale 80. Dry hole.
Con IV 17 "	"	May 16, 1967	4	4	50	41	41	"	S	Topsoil 9; blue clay 72; hardpan 77; black shale 82. Water at 77.
Con IV 17 "	"	July 22, 1967	4	4	65	30	30	"	D	Topsoil 10; blue clay 73; hardpan 77; black shale 81. Dry hole.
Con IV 30 L. Janiceks	R. Dolphin	Sep. 9, 1967	4	4				"	D	Topsoil 10; blue clay 76; hardpan 80; black shale 88. Water at 80.
Con IV 30 "	"	Oct. 1, 1964	4	10	25	12	12	"	D, S	Red clay 10; blue clay 55; hardpan 58; gravel 61; black shale. Water at 58 and 61.
Con V 16 J. Sylvestre	L. Rawson	Nov. 20, 1964	4	3	35	18	18	"	D, S	Yellow clay 12; blue clay 55; hardpan 62; black shale. Water at 62.
Con V 16 B. Taylor	"	May 22, 1964	4	6	30	27	27	"	D	Topsoil 12; blue clay 58; hardpan 59; black shale 63. Water at 59.
Con V 16 J. Sauve	"	Jan. 5, 1965	4 1/2	5	35	27	27	"	D	Topsoil 12; blue clay 56; hardpan 60; black shale 62. Water at 60.
Con V 16 S. Cox	W. Weatherstone & D. Williams	Nov. 22, 1965	6	1		30	30	"	D	Brown clay 14; blue clay 57; black stony clay 58 1/2. Water at 58 1/2.
Con V 16 J. Warner	H. A. Brandon	May 23, 1966	4	10	33	23	23	"	D	Red clay 14; blue clay 58; black shale 80. Water from 58 to 80.
Con V 16 L. Williams	"	Aug. 18, 1966	4	10	44	32	32	"	D	Hard red clay 20; blue clay 62; black shale 68. Water at 62.
Con V 16 W. Lamorne	"	Aug. 18, 1966	4	10	40	30	30	"	D	Hard red clay 18; blue clay 58; black shale 60. Water at 58.
Con V 16 "	"	Aug. 26, 1966	4	10	40	30	30	"	D	Hard red clay 18; blue clay 58; black shale 64. Water at 58.
Con V 16 "	"	Jan. 9, 1967	4	5	32	32	32	"	D	Topsoil 9; blue clay 38; gravel 42; blue clay 57; hardpan 59; black shale 60. Water at 59.

LAWBTON COUNTY - cont.

Enskillen Twp. - cont.	Con	Lot	Owner	Date	Acres	Survey	Notes
G.Dawson	Con V	16	E.Morningstar	Sep. 7, 1967	4 1/2	8	Yellow clay 11; blue clay 57; black shale 62. Water at 62.
L.Bretanek	Con V	23	"	Sep. 3, 1965	5 1/2	10	Yellow clay 11; blue clay 58; black shale 60. Water at 60.
R.Piggott	Con VI	15	"	May 22, 1967	5	16	Yellow clay 21; blue clay 62; black shale 64. Water at 63.
W.Core	Con VI	16	H.Brandon	Aug. 12, 1964	4	3	Red clay 25; blue clay 60; black shale 65. Water at 60.
J.Marriott	Con VI	24	"	Sep. 27, 1964	4	30	Red clay 17; blue clay 67; black shale 87. Dry hole.
"	Con VI	24	"	Sep. 25, 1964	4		Red yellow clay 18; blue clay 67; black shale 70. Dry hole.
"	Con VI	24	"	Sep. 30, 1964	4		Yellow clay 18; blue clay 67; black shale 85. Water from 67 to 85.
J.Elliott	Con VI	25	R.Dolphin	June 12, 1964	4	5	Yellow clay 9; blue clay 35; hardpan 41; gravel 44. Water from 44 to 44.
"	Con VI	25	"	Nov. 25, 1965	4		Yellow clay 16; blue clay 41; hardpan 45; black shale sand 55. Dry hole.
"	Con VI	25	"	Nov. 29, 1965	4		Yellow clay 12; blue clay 42; hardpan 45; gravel 47; black sand 48. Black shale 64. Dry hole.
"	Con VI	25	"	Nov. 30, 1965	4		Yellow clay 14; blue clay 40; hardpan 42; black sand 44; black shale 47. Dry hole.
"	Con VI	25	"	Dec. 1, 1965	4	5	Yellow clay 16; blue clay 42; blue clay sand 42; black shale 48. Water at 48. Abandoned due to black sand.
"	Con VI	25	"	Dec. 4, 1965	4		Yellow clay 12; blue clay 43; hardpan 45; black shale 50. Dry hole.
"	Con VI	25	"	Dec. 14, 1965	4	5	Yellow clay 13; blue clay 41; hardpan 43; black sand 44; black shale 49. Water at 45.
C.Metcalf	Con VI	25	"	July 4, 1966	4	1	Red clay 17; blue clay 67; black shale 87. Water at 67.
"	Con VI	25	"	July 5, 1966	4	1	Red clay 17; blue clay 67; black shale 87. Water at 67.
"	Con VI	25	"	July 6, 1966	4	1	Red clay 17; blue clay 67; black shale 87. Water at 67.
"	Con VI	25	"	July 7, 1966	4	1	Red clay 17; blue clay 67; black shale 87. Water at 67.
H.Burnard	Con VII	7	E.Morningstar	Aug. 1, 1965	5 1/2		Yellow clay 11; blue clay 68; black shale 137; dark grey limestone 195; soapstone 200. Dry hole.
"	Con VII	7	"	Aug. 8, 1965	5 1/2		Yellow clay 12; blue clay 68; black shale 73. Dry hole.
"	Con VII	7	"	Aug. 15, 1965	5 1/2		Yellow clay 11; blue clay 68; black shale 71. Dry hole.
E.Osborne	Con VII	25	H.Brandon	Dec. 21, 1964	4	15	Red clay 12; blue clay 62; black shale 65. Water from 62 to 65.
H.Taylor	Con VII	28	"	Dec. 2, 1965	4	16	Red clay 12; blue clay 58; gravel 61; black shale 64. Water at 60.
W.Douglas	Con VIII	14	"	May 19, 1966	4	10	Red clay 14; blue clay 70; black shale 85. Water from 70 to 85.
A.Hamilton	Con IX	6	F.Jackson & Son	Mar. 17, 1966	5	2	Subsoil clay 2; hardpan 12; blue clay 52; black shale 64. Water 61.
"	Con IX	6	"	Mar. 17, 1966	5		Subsoil clay 2; yellow clay 12; blue clay 52; black shale 64. Dry hole.
"	Con IX	6	"	Mar. 18, 1966	5		Topsoil clay 2; yellow clay 10; blue clay 27; black shale 37. Dry hole.
"	Con IX	6	"	Mar. 21, 1966	5		Topsoil clay 2; hardpan 10; blue clay 39; black shale 49. Dry hole.
E.Rieder	Con IX	16	L.Rawson	July 17, 1967	7		Topsoil 9; blue clay 60; black shale 65. Dry hole.
R.Welch	Con IX	19	H.Brandon	Dec. 16, 1964	7	5	Red clay 18; blue clay 67; black shale 72. Water from 67 to 72.
N.Hanluk	Con X	10	F.Jackson & Son	Sep. 15, 1965	4	12	Hardpan 15; blue clay grit 90; dark grey clay grit 99; hard limestone 104. Water at 102.
W.Jacques	Con X	17	S.Earl	July 27, 1966	4	66	Clay 64; black shale 77; grey shale 78. Water at 64.
"	Con X	17	"	July 30, 1966	4	1	Clay 66; black shale 79. Water at 66.
W.Wilson	Con X	22	S.Atkinson	Dec. 16, 1964	6	5	Topsoil 1; yellow clay 10; blue clay 57; shale gravel 61; grey rock 62. Water at 62.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMETON COUNTY - cont.										
Eniskillen Twp., Ont.										
Con X " 26	M. Scott	C. Webster	Mar. 31, 1964	6	2	48	20	Fresh	D	Topsoil 4;blue clay 56;black shale 57. Water at 57.
Con X " 26	M. Reid	B. Throver	Aug. 11, 1967	4 1/2	4	40	25	"	D,S	Topsoil 5;blue clay 57;gravel 60. Water from 57 to 60.
Con X " 27	N. Chalmers	S. Atkinson	Nov. 3, 1964	4						Topsoil 1;yellow clay 14;blue clay 55;grey shale 58. Dry hole
Con X " 27	"	"	Dec. 14, 1964	4						Topsoil 1;yellow clay 15;blue clay 55;grey shale 62. Dry hole
Con X " 27	"	"	Jan. 12, 1966	4	5	20	18	Fresh	D	Topsoil 1;yellow clay 15;blue clay 56;grey shale 62. Water at 57.
Con XI " 4	L. Slack	H. Brandon	Jan. 11, 1965	4	3	30	24	"	S	Red clay 14;blue clay 112;black shale 115. Water at 113.
Con XI " 4	"	"	Oct. 19, 1965	4	20	70	22	"	N	Red clay 14;blue clay 114;hardpan 115;black shale 120. Water at 115.
Con XI " 22	J. Strangway	Mendley Drlg. Co	May 10, 1965	10	16	40	30	"	N	Blue clay 88;coarse gravel 68;grey shale sandstone 150;black shale 202;grey shale limestone 406. Water at 68, 85 and 90.
Con XI " 26	R. Lucas	Dolphin & Earl	June 17, 1964							Yellow clay 11;blue clay 55;black shale 68. Dry hole.
Con XII " 6	S. Zavitz	C. Webster	Dec. 6, 1967	10						Sandy loam 5;yellow clay 12;blue clay 118. Dry hole.
Con XII " 6	"	E. Morningstar	Dec. 6, 1967	10						Sandy loam 5;yellow clay 13;blue clay 115;rock. Dry hole.
Con XII " 6	"	"	Aug. 28, 1967	4						Sandy loam 1;yellow clay 12;blue clay 118;limestone bedrock 155. Dry hole.
Con XII " 15	H. Ellenor	H. Brandon	June 18, 1965	4	1 1/2		15	Fresh	N	Red clay 12;gravel 13;blue clay 82;hardpan 84;black shale 103. Water at 84.
Con XII " 15	"	"	June 21, 1965	4						Red clay 14;blue clay 82;hardpan 84;black shale 88. Dry hole.
Con XII " 24	K. Drope	L. Rawson	Aug. 18, 1964	4						Topsoil 10;blue clay 63;black shale 70. Dry hole. Dry hole.
Con XII " 24	"	"	Mar. 10, 1966	4 1/2						Topsoil 9;blue clay 60;hardpan 63;black shale 69. Dry hole.
Con XII " 24	"	"	Mar. 10, 1966	4	2	57	56	Fresh	D	Topsoil 9;blue clay 60;hardpan 63;black shale 73. Water at 63
Con XII " 24	"	"	June 13, 1966	4						Topsoil 10;blue clay 62;black shale 65. Water at 62.
Con XII " 26	J. Stonehouse	"	July 17, 1965	4						Topsoil 14;blue clay 54;hardpan 58;black shale 60. Dry hole.
Con XII " 26	"	"	July 14, 1965	4	1	54	40	"	D,S	Topsoil 14;blue clay 55;sand 5;black shale 60. Water at 55.
Con XII " 26	"	"	Sep. 6, 1965	4	2	55	45	"	D,S	Topsoil 10;blue clay 50. Dry hole.
Con XII " 18	R. Cochrane	C. Webster	Sep. 28, 1964	6						Topsoil 10;blue clay 53;black shale 40. Dry hole.
Con XII " 18	"	L. Rawson	July 21, 1966	4						Topsoil 10;blue clay 53;shale clay 142;limestone 155. Dry hole.
Con XIII " 1	J. Vokes	"	Feb. 1, 1964	4						Topsoil 14;blue clay 137;shale clay 40. Dry hole.
Con XIV " 5	T. Fahselt	"	Jan. 22, 1964	4	10	42	42	Fresh	D	Topsoil 16;blue clay 185;hardpan 187;limestone 190. Water at 187.
Con XIV " 14	P. McCormick	"	June 22, 1967	4						Topsoil 15;blue clay 108;black shale 129;limestone 141. Dry hole.
Con XIV " 14	"	"	June 27, 1967	4						Topsoil sand gravel 12;blue clay 118;black shale 125. Dry hole.
Con XIV " 14	"	"	Oct. 13, 1967	4						Topsoil 10;blue clay 117;black shale 125. Dry hole.
Con XIV " 17	J. Fraser	"	June 23, 1966	4	10	18	7	Fresh	D	Topsoil 14;blue clay 27;sand 28;gravel 30. Water from 27 to 30.
Con XIV " 17	"	"	Nov. 12, 1966	4	3	18	10	"	D	Topsoil 10;blue clay 26;gravel 27. Water at 26.
Con XIV " 20	P. Mernik	Dolphin & Earl	Oct. 29, 1965	4	2	14	13	"	D	Yellow clay 15;blue clay 66;hardpan 76;gravel 78. Water from 76 to 78.
Con XIV " 21	J. McMillan	Ashburn & Weston	Apr. 14, 1967	7						Topsoil 2;yellow clay 18;blue clay 69;gravel 71;brown shale 87. Dry hole.

LAMETON COUNTY - cont.

Con I	lot 16	W. North	W. Marsh	Sep. 2, 1966	5	5	35	20	Sulphur	D	Brown clay 15; grey clay stones 37; muddy hardpan 41; black shale 43. Water at 42.
Con I	" 16	"	"	Sep. 29, 1966	5	2	10	30	Fresh	D, S	Sand 3; red clay 12; clay stones 48; hardpan 52; shale 70. Water at 58.
Con I	" 16	W. Yeaks	R. Simpson	Mar. 1, 1966	4	3	31	31	Sulphur	D	Topsoil 2; yellow sand 6; blue clay 31; hardpan 36; black shale 42. Water at 36.
Con I	" 16	J. Wilkinson	W. Marsh	Aug. 22, 1966	5						Sand 6; clay stones 21; soft clay 36; hardpan 37; black shale 62; grey shale 70; top rock 110; soapstone 113. Dry hole. Gas.
Con I	" 16	"	"	Sep. 9, 1966	4	5	35	20	Sulphur	D	Clay stones 38; hardpan 39; black shale 54. Water at 51.
Con I	" 17	G. Osborne	R. Simpson	Aug. 5, 1966	4	5	33	30	"	D	Topsoil 4; yellow clay 7; blue clay 30; hardpan 34; black shale 40. Water at 34.
Con I	" 20	R. Maynard	"	Sep. 2, 1966	4						Topsoil 4; yellow clay 46; black shale 50. Dry hole.
Con I	" 30	E. Water	W. Weatherstone & D. Williams	Sep. 27, 1966	6						Brown clay 12; blue clay 61; black gritty clay 62. Dry hole.
Con I	" 30	"	"	Oct. 15, 1966	6	4	31	18	Fresh	D, S	Brown clay 13; blue clay 60; black gravel stones 62. Water from 60 to 62.
Con II	" 16	W. Lawson	W. Marsh	Dec. 26, 1966	6½						Red sand 3; grey clay stones 39; muddy hardpan 51; grey shale 60; black shale 102; top rock 134. Dry hole.
Con II	" 16	"	"	Mar. 23, 1967	6½						Clay 44; soft shale 52; black shale 57. Dry hole.
Con II	" 16	"	"	Sep. 5, 1967	6½						Clay 37; soft shale 45; hard black shale 51. Dry hole.
Con II	" 16	"	"	Sep. 9, 1967	6½	25	26	24	Fresh	D, S	Sand 7; clay 51; hardpan 53; gravel 55. Water at 53.
Con II	" 20	J. Maynard	R. Simpson	Sep. 2, 1967	4						Clay 37; black shale 84; top rock 136; soapstone 143. Dry hole.
Con II	" 20	"	"	Aug. 29, 1966	4	4	35	22	Fresh	D, S	Topsoil 4; blue clay 49; black shale 52. Dry hole.
Con II	" 24	T. Sharp	S. Earl	Aug. 31, 1966	4½						Topsoil 4; blue clay 48; gravel 49; black shale 50. Water at 48.
Con II	" 24	"	"	Feb. 11, 1964	4½						Sand 5; gravel 9; clay 42; black shale 47. Dry hole.
Con II	" 24	R. Elliott	"	July 16, 1965	4	5	50	44	Fresh	D, S	Sand 11; clay 54; black shale 57. Water at 55.
Con II	" 24	T. Sharpe	R. Simpson	Nov. 25, 1966	4	5			Sulphur	D, S	Sand gravel 14; blue clay 48; black shale 51. Water at 48.
Con II	" 24	"	"	Nov. 23, 1966	4						Sand gravel 14; blue clay 48; black shale 51. Dry hole.
Con III	" 19	J. Gartner	S. Earl	June 30, 1964	4½	80	80	50	Fresh	N	Sand 8; clay 50; grey shale 70; black shale 118; grey shale 124. Water at 80.
Con III	" 19	"	"	July 7, 1964	4½	2	80	45	"	D	Sand 8; clay 45; hardpan 46; blue grey shale 72; black shale 117; grey shale 148. Water at 148.
Con III	" 19	"	"	Oct. 24, 1964	4½						Clay 5; sand 7; clay 47; hardpan 56; black shale 73; blue black shale 118; grey shale 173. Dry hole.
Con III	" 28	D. Gray	W. Weatherstone & D. Williams	Oct. 27, 1964	6½				Fresh	S	Sand 9; clay 50; black shale 56. Dry hole.
Con III	" 28	"	"	Oct. 24, 1964	6				Flows		Top clay 7; blue clay 35; black coarse gravel 34. Water at 34.
Con III	" 32	W. Stevenson	Dolphin & Earl	July 7, 1965	4	5	19	19	"	D	Yellow clay 15; blue clay 63; gravel 64. Water at 63.
Con III	" 20	P. Rich	R. Simpson	Aug. 25, 1966	4	2½	50	17	"	D, S	Topsoil 2; yellow clay 12; blue clay 62; medium sand 63; shale 64. Water at 62.
Con IV	" 20	P. & D. Krysiuk	"	Aug. 24, 1966	4						Topsoil 2; yellow clay 12; blue clay 63; shale 65. Dry hole.
Con IV	" 25	"	W. Marsh	Oct. 1, 1965	6½	7	65	25	Sulphur	D, S	Sand 5; clay silt 40; hardpan 43; shale black 45; limestone 72. Water at 58 and 65.
Con IV	" 23	R. & C. Elliott	S. Earl	Feb. 7, 1964	4½	10	22	20	Fresh	D	Sand 4; clay 41; hardpan 43; broken black shale 45½. Water from 43 to 45.
Con IV	" 25	D. Kaysiuk	W. Marsh	May 23, 1966	6½	7	38	24	Sulphur	D, S	Red sand 2; brown clay 42; hardpan 44; black shale 51. Water at 47.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *	
										(Depths to which formations extend below the surface are given in feet)	
LAMSTON COUNTY - cont. Euphemia Twp. lot 20. Con V Con V Con V Con V Con VI Con VI Con VII Con VII Con IX Con X Con X Con X Con X Con XI Con XI Con XI Con XI	G.Chambers	E.McGaffey	June 9, 1962	4	4½	40	Flows 15	Fresh	S	Previously drilled 42; hardpan 45½; top rock 49. Water at 49.	
	P.Bolton	R.Pisoneault	Aug. 17, 1966	4	8	70	16	"	D	Topsoil 3; yellow sand 12; brown clay 59; sand 65. Water at 59.	
	S.Earl	S.Earl	July 17, 1964	6				"	P	Sand 4; clay 54; black shale 56; grey shale 90. Water at 79.	
	School Area	"	July 10, 1964	6	1½	50	45	Sulphur	N	Sand 4; clay 47; stony clay 49; hardpan 56; grey shale 72. Water at 63.	
	P.McClung	"	Aug. 3, 1964	4½	15	10	10	Fresh	D	Clay 54; black shale 62. Water from 55 to 60.	
	R.Elson	"	Aug. 5, 1964	4½				"	D	Clay 58; hardpan 60; black shale 81. Dry hole.	
	G.Nebensnik	W.Marsh & Sons	May 4, 1964	5	8	50	17	"	D	Red sand 4; grey sand 10; clay 65; clay stones 70; gravel 72. Water at 70.	
	J.McMaster	"	June 24, 1967	5	3	21	8	"	D, S	Red sand 5; grey sand 28; grey clay 74; sandy hardpan 80; clay stones 91; sand fine gravel 94; hardpan 97. Water from 91 to 94	
	K.Gaputis	Hedco Well Digging Ltd.	May 4, 1964	30	1		6	"	D, S	Topsoil 1; brown sand 15; blue clay 30. Water at 6.	
	W.McMaster	H.Marsh & Sons	Apr. 24, 1967	4	3	95	7	"	D, S	Sand 12; clay 77; hardpan 82; top rock 102. Water at 80 and 100.	
	C.Hillman	Dolphin & Earl	Nov. 8, 1966	4				"	D, S	Sand 6; yellow clay 7½; blue clay 80; hardpan gravel 98; top rock 100. Dry hole.	
	"	"	Nov. 8, 1966	4	5	18	Flows 11	"	D, S	Yellow clay 10; blue clay 60; hardpan 75; top rock. Water at 75.	
	J.Mahovich	H.Marsh	Jan. 20, 1964	4	2	60	11	"	D, S	Sand 27; clay 69; gravel 72. Water at 69.	
	A.Atwell	Dolphin & Earl	Mar. 28, 1964	4	5	30	7½	"	D, S	Sand loam 8; yellow clay 14; blue clay 70; hardpan 84; soft rock 90; hard rock 91. Water at 91.	
	L.Moss	W.Marsh	Oct. 6, 1967	6½	4	80	7	"	D, S	Sand 14; clay stones 78; hardpan 88. Water at 77.	
Forest, Town of	N.Watterworth	Dolphin & Earl	Apr. 1, 1964	4	5	35	12	"	D, S	Sand 20; clay 70; hardpan 78; gravel 80; black shale. Water from 78 to 80.	
	Forest Public Utilities	A.Heal	Aug. 10, 1964	6½	27	87	72	Fresh	P	Topsoil gravel 7; yellow clay 14; blue clay 109; hardpan 112; black shale 128; gas at 112. Water from 109 to 112.	
	"	"	Oct. 8, 1965	6	6	114½	68	"	N	Yellow topsoil 12; blue clay 101; hardpan 104½; black shale 114½. Water at 101 and 104½.	
	"	"	Oct. 30, 1965	8	25	80	80	"	P	Topsoil gravel 11; blue clay 113; hardpan 114; black shale 156; limestone 102; grey shale limestone 250. Water at 112 and 113.	
	"	"	Nov. 22, 1965	8	20	38	38	"	P	Topsoil gravel 9; blue clay 106; hardpan 107½; black shale 148; grey shale limestone 245. Water from 106 to 108.	
	G.C.Andrew	W.Hopper & Sons	July 18, 1965	4	10	45	35	Sulphur	C	Hardpan 18; blue clay 90; grey rock 118. Water from 110 to 118.	
	B.Bradshaw	Wade's	Oct. 27, 1965	4						Yellow clay 15; blue clay 65; blue clay gravel 120; grey shale 135; gas sand 137; sand 146; black shale 165. Dry hole.	
	"	"	Oct. 19, 1965	4						Yellow clay 15; blue clay 50; grey clay 142; hardpan 145; black shale 164. Dry hole.	
	lot 15										
	Con I										
Grand Bend Village											
Moore Twp.											
Con I											





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
LAMSTON COUNTY - cont. Moore Twp.- cont.										
Con VII lot 11	W. & D. Marsh	L. Rawson	Nov. 10, 1967	4	3	100	38	Fresh	D, S	Topsoil 13; blue clay 117; hardpan 121; black shale 127. Water at 121.
Con VII "	R. Eyre	D. Wade's	May 20, 1966	4	5	66	66	"	D	Yellow clay 15; blue clay 131; sand 133; black shale 140. Water at 133.
Con VII "	J. Miller	A. Heel	Aug. 27, 1964	4	1		42	"	N	Topsoil yellow clay 15; blue clay 134; hardpan 138; black shale 160. Water at 136.
Con VII "	"	"	July 27, 1964	4	2	80	42	"	N	Topsoil yellow clay 15; blue clay 134; fine sand 136; coarse sand 138; black shale 144. Water from 134 to 138.
Con VII "	"	"	Aug. 31, 1964	4	2	60	42	"	D, S	Topsoil yellow clay 15; blue clay 134; black shale gravel 136. Water from 134 to 136.
Con VII "	J. Eyre	Wade's	July 21, 1967	4	10	43	43	"	D	Grey clay 130; hardpan 135; black shale 140. Water at 135.
Con VII "	Teumseh Gas Storage Ltd.	S. Atkinson	July 4, 1964	4	8	20	14	"	C	Topsoil 2; yellow clay 17; blue clay 130; hardpan 134; black shale sand 144. Water at 134.
Con VII "	"	R. Simpson	Feb. 5, 1964	4	3	130	16	"	N	Topsoil 2; yellow clay 14; blue clay 135; loose shale sand 136; black shale 140. Water at 135.
Con VII "	"	"	Jan. 28, 1964	4				"		Topsoil 3; yellow clay 15; blue clay 135; black shale 137. Dry hole.
Con VII "	"	S. Atkinson	June 15, 1964	4				"		Topsoil 2; yellow clay 18; blue clay 137; hardpan 138; shale 153. Water at 138.
Con VII "	"	R. Simpson	Jan. 16, 1964	4				"		Topsoil 2; yellow clay 14; blue clay 134; black shale 152. Dry hole.
Con VII "	"	"	Jan. 12, 1964	4				"		Topsoil 2; hard yellow clay 14; blue clay 134; black shale 136. Dry hole.
Con VIII "	R. Saunders	L. Rawson	Oct. 13, 1966	4	4	100	35	Fresh	D	Topsoil 12; blue clay 119; hardpan 120; black shale 125. Water at 120.
Con VIII "	C. Druett	A. Heel	Sep. 30, 1966	4	2	85	50	"	D	Topsoil yellow clay 15; blue clay 72; sand 75; blue clay 133; hardpan 134; black shale 137. Water from 133 to 134.
Con VIII "	C. Iden	R. Simpson	Apr. 7, 1966	4	4	40	30	"	D, S	Topsoil 2; yellow clay 14; blue clay 144; gravel shale 145. Water at 144.
Con VIII "	R. Wellington	H. Brandon	July 9, 1965	4	10	55	35	"	S	Red clay 22; blue clay 69; gravel sand 72; blue clay 131; blue clay sand 137; hardpan 139; black shale 155. Water at 139.
Con VIII "	J. Richmond	"	July 23, 1965	4	10	48	20	"	D	Red clay 24; blue clay 137; hardpan 138; black sand 140; black shale 146. Water at 140.
Con VIII "	"	"	Oct. 6, 1965					"		Red clay 16; blue clay 134; gravel sand 135; black sand 136; hardpan 138; gravel 140; black shale 144. Dry hole.
Con VIII "	"	"	Oct. 4, 1965					"		Red clay 18; blue clay 140; hardpan 141; black sand 143; black shale 145. Dry hole.
Con IX "	R. Murray Estate	"	Dec. 3, 1964	4	20	45	35	Fresh	D, S	Yellow clay 14; blue clay 137; gritty sandy clay 139; black shale 153. Water at 139.
Con IX "	L. Smith	S. Atkinson	Dec. 14, 1965	4	5	34	34	"	D, S	Topsoil 2; yellow clay 15; grey clay 135; shale 138. Water at 135.
Con IX "	B. Nisbet	Wade's	June 11, 1966	4 1/2				"		Yellow clay 15; blue clay 137; muck 142; black shale 150. Dry hole.
Con IX "	"	"	June 22, 1966	4 1/2	2 1/2	55	40	Fresh	S	Yellow clay 15; blue clay 137; hardpan 142; black shale 150. Water at 142.
Con X "	J. Irving	H. Brandon	June 28, 1966	4	10	37	27	"	D, S	Red clay 14; blue clay 145; black shale 152. Water at 145.
Con X "	L. Vandenburgh	L. Rawson	Aug. 14, 1966	4	5	55	43	"	D	Topsoil 14; blue clay 128; limestone 138. Water at 128.

LAMONT COUNTY - cont.  
Moore twp. - cont.

Con X	"	lot 15	K. Gurr	Wade's	Mar. 18, 1965	4	6	36	25	Fresh	D	Yellow clay 10; hardpan 13; blue clay 20; soft grey clay 25; blue clay 40; sand 142; black shale 152. Water at 142.
Con X	"	15	R. Pettit	"	Nov. 6, 1965	4	2	80	30	"	D	Yellow clay 15; blue clay 55; grey clay 140; sand hardpan 142; black shale 147. Water at 142.
Con X	"	16	J. Degurse	H. Brandon	Nov. 6, 1965	4	20	55	32	"	D	Black loam 2; red clay 26; blue clay 140; hardpan 144; black shale 147. Water at 144.
Con X	"	16	P. Wade	Wade's	June 27, 1967	4						Yellow clay 10; blue clay 138; hardpan 141; black shale 147. Dry hole.
Con X	"	16	"	"	July 3, 1967	4	70	100	28	Fresh	D	Yellow clay 10; blue clay 140; hardpan 141; black shale 145. Water at 141.
Con XI	"	10	M. Ellis	"	Apr. 15, 1967	4	5	85	47	"	D	Yellow clay 12; blue clay 55; grey clay 142; gravel 144; black shale 154. Water at 144.
Con XI	"	19	C. Lapiet	"	Jan. 8, 1965	4	6	48	28	"	D, S	Yellow clay 15; blue clay 139; sand 141; black shale 145. Water at 143.
Con XI	"	22	T. McLaughlin	"	May 23, 1964	4						Yellow clay 15; blue clay 132; hardpan 136; black shale 142. Dry hole.
Con XI	"	22	"	"	May 29, 1964	4						Yellow clay 12; blue clay 50; soft grey clay 132; hardpan 136; black shale 142. Dry hole.
Con XI	"	22	"	"	July 18, 1964	4	2	75	40	Fresh	S	Yellow clay 10; blue clay 135; hardpan 141; black shale 153. Water at 141.
Con XII	"	11	J. Gibb	B. Humphrey	July 28, 1967	4	2½	120	50	"	D	Red clay 12; blue clay 87; grey sand 105; blue clay 123; hardpan 125; black shale 129. Water from 87 to 105 and at 125.
Con XII	"	12	J. Sim	Wade's	Feb. 11, 1965	4	5	27	27	"	D, S	Yellow clay 10; blue clay 125; hardpan 126; black shale 135. Water at 133.
Con XV	"	2	Can. Industries Ltd.	F. Jackson	Mar. 31, 1965	6½				"	N	Hardpan 12; blue clay 130; quicksand clay 150; gravel 152. Water at 150.
FC	"	14	Ont. Hydro	H. Brandon	Mar. 18, 1965	4		12½				Blue clay 134; sand gravel 136; gravel 140; blue clay 142; black sand 166; limestone shell 168; limestone soapstone 175; top rock 176. Water from 136 to 140.
FC	"	17	"	"	Apr. 2, 1965	4						Red clay 12; blue clay 143; sand 153; gravel 159; blue clay sand 170; limestone shell 172; shale soapstone 176; soapy shale 285; black shale 348. Dry hole.
FC	"	18	"	"	Apr. 19, 1965	4						Red clay 14; blue clay 95; sand gravel 100; blue clay 135; blue clay sand 148; shale limestone shell 150; soapy shale 267. Dry hole.
FC	"	24	Watson Lumber	"	June 11, 1965	4						Red clay 16; blue clay 155; gravel 171; soapy shale 305; black shale 336. Dry hole.
FC	"	39	J. Whithall	L. Rawson	June 2, 1966	4	5	68	61	Fresh	D	Topsoil 14; blue clay 90; hardpan 95; black shale 100. Water at 95.
FC	"	43	H. Payne	A. Heal	Sep. 15, 1965	4	4	79	62	"	D	Topsoil yellow clay 12; blue clay 48; black gravel 50; blue clay 74; hardpan 76; blue clay 80; black gravel 89; black shale 91. Water from 68 to 89.
FC	"	44	W. McCrindle	H. Brandon	Sep. 20, 1965	4	8	40	30	"	D	Red clay 17; blue clay 55; gravel clay 62; blue clay 135; grey sand 154; gravel 155; brown sand 160; shaly soapstone 245; black shale 249. Water at 191.
FC	"	47	J. Wallace	D. Wade	June 4, 1965	4	4	85	62	"	D	Yellow clay 20; blue clay 146; hardpan 170; black shale 180. Water at 167.
FC	"	47	"	"	May 20, 1965	4						Yellow clay 15; grey clay 60; sand gravel 63; grey clay 145; hardpan 170; black shale 190. Dry hole.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont. Moore Twp. - cont. PC lot 48	H.Nantais	Wade's	Jan.24,1964	4	5	52	52	Fresh	D	Yellow clay 26;blue clay 145;hardpan 164;soft black shale 175. Water at 164.
PC " 48	"	"	Jan. 9,1964	4						Yellow clay 16;blue clay 143;hardpan 166;black shale 190. Dry hole.
PC " 52	H.Skelton	"	Jan. 7,1964	4	1	145	55	Fresh	D	Yellow clay 20;blue clay 134;blue clay gravel 140;hardpan sand 148;black shale 156. Water from 148 to 150.
Oil Springs,Village	L. Kelly	C.Webster	Oct.21,1964	6	2 1/2	27	29	Fresh	D,S	Topsoil 4;blue clay 72;black gravel shale 72 1/2. Water at 72.
	D. Strevel	"	Apr.25,1964	6	3	30	57	"	D	Topsoil 3;blue clay 56;black shale gravel 57 1/2. Water at 57 1/2.
Petrolia,Town	M.Bradley	P.Jackson	Aug.18,1965	4	8	85	50	Sulphur	D	Clay subsoil 3;hardpan 15;blue clay 97;limestone 115. Water at 99.
	Dunlop Trans-port	H.Brandon	Sep.23,1965	4	17	40	24	Fresh	C	Topsoil 2;red clay 12;blue clay 82;hardpan 83;gravel 84;black shale 85;top rock 89. Water at 84.
Plympton Twp.	J.Verschynadel	S.Earl	Apr. 7,1964	4 1/4						Clay 85;black shale 95. Dry hole.
Con I " 24	H.Smith	P.Jackson & Son	July 7,1965	5	2	55	24	Fresh	D	Fill 2;sand hardpan 15;blue clay grit 70. Water at 70.
Con I " 26	H.Smith	"	July 8,1965							Fill hardpan 15;blue clay grit 65. Dry hole.
Con I " 26	S.Smith	"	Oct.26,1967	5	1	75	20	"	D	Black loam clay 2;yellow hardpan 12;blue clay stones 64;black shale 80. Water at 64.
Con I " 26	"	"	Oct.25,1967	5						Clay loam 3;hardpan 12;blue clay stone 63;black shale 80.
Con I " 29	O.Johnson	A.Heal	Nov.25,1967	5	1	66	25	Fresh	D	Topsoil yellow clay 15;blue clay 57 1/2;black shale 67. Water at 57 1/2.
Con II " 1	H.Ford	S.Atkinson	Oct.20,1966	5	5	50	35	"	D,S	Topsoil 1;yellow clay 14;blue clay 147;hardpan 150;blue clay 157;grey rock 165. Water at 157.
Con II " 4	J.Brooks	L.Rawson	May28, 1966	4 1/2	5	45	27	"	D	Topsoil 14;blue clay 155;hardpan 157;limestone 160. Water at 157.
Con II " 21	C.Smith	P.Jackson	Apr.17,1965	5	2	63	53	"	D	Hardpan sand 10;blue clay grit 60;coarse gravel 68. Water at 68.
Con II " 26	H.Dalber	C.Thrower	Dec.20,1964	4	Flows	Flows		"	S	Blue clay 25;gravel streaks 26;blue clay 42;black shale 45. Water from 42 to 45.
Con III " 16	R.Corestine	L.Rawson	May.27,1967	4	6	33	33	"	D	Topsoil 14;blue clay 120;hardpan 122;black shale 126. Water at 122.
Con IV " 2	G.Archer	P.Jackson	July28,1966	5	18	30	15	"	D	Clay topsoil 2;hardpan 15;blue clay 120;black shale 128. Water at 125.
Con IV " 19	A.Verbeek	"	Nov.25,1967	5						Hardpan grit 10;blue clay grit 107;black shale 125. Dry hole.
Con IV " 24	C.Annett	L.Rawson	Aug.27,1964	4 1/4	5	45	29	Fresh	D	Topsoil 14;blue clay 70;gravel 74. Water from 70 to 74.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extended below the surface are given in feet)
LAWSON COUNTY - cont. Flycatcher Twp. - cont. Con VII Lot 6	D.Kerrigan	F.Jackson	May 18, 1964	4						Clay topsoil 2;hardpan 15;blue clay 115;black shale 120. Dry hole.
Con VII " 6	"	"	May 15, 1964	4						Hardpan topsoil 15;blue clay 118;black shale 124. Dry hole.
Con VII " 20	A.Verhoven	R.Hudson	June 30, 1967	36	40	85	8	Fresh	D	Blue clay 80;sand 81;rock. Water at 81.
Con VII " 20	"	A.Heal	Mar. 10, 1967							Yellow topsoil 15;blue clay 78;hardpan 80;black shale 86. Water from 79 to 80.
Con VII " 20	"	"	Mar. 13, 1967	4	1	85	8	"	D	Yellow topsoil 15;blue clay 40;gritty clay 53;blue clay 76;hardpan 78;black shale 84. Water from 78 to 84.
Con VII " 6	H.Jackson	A.Heal	Aug. 7, 1965	4	4	70	30	"	D,S	Topsoil yellow clay 15;blue clay 110;fine sand 111;black shale 114. Water from 110 to 111.
Con VIII " 10	A.Kirkham	F.Jackson & Son	Oct. 31, 1966							Hardpan 15;blue clay 30;black gravel clay 45;blue clay grit 103;black rock 113. Dry hole.
Con VIII " 16	M.Burnley	"	July 12, 1965	5	3	65	11	Fresh	D	Clay topsoil 2;hardpan 10;blue clay 65;hardpan false rock 73;black rock 77. Water at 73.
Con IX " 19	W.Wright	"	Oct. 14, 1965	5	12	27	20	"	D	Sub soil hardpan 10;blue clay 77;black shale rock 79. Water at 78.
Con IX " 14	J.Brandon	H.Brandon	Aug. 4, 1965	4						Red clay 23;blue clay 73;gravel 78;limestone 80;gravel 81;hardpan 83;black shale 89. Dry hole.
Con IX " 14	"	"	Aug. 10, 1965	4	20	50	27	Fresh	D,S	Red clay 17;blue clay 72;gravel 73;limestone 82;hardpan 85;black shale 87. Water at 85.
Con IX " 22	R.Smith	W.Ward	Jan. 6, 1966	4	4	16	14	"		Yellow topsoil 15;blue clay 55;hardpan 88;black shale 98. Water from 77 to 88.
Con X " 12	Egermont Holdings	F.Jackson & Son	Aug. 20, 1966							Hardpan 15;soft blue clay 82;hard blue clay grit 94;black shale 101. Dry hole.
Con X " 12	"	"	Aug. 23, 1966	8	2	96	44	Fresh	P	Hardpan 15;blue clay 85;black sand gravel 91;black shale 96. Water at 96.
Con X " 18	A.McKinlay	"	Oct. 13, 1965	5	10	35	10	"	D,S	Sub soil stone 10;blue clay 70;black shale 71. Water at 70.
Con XI " 12	W.Pearson	L.Rawson	Nov. 24, 1964	4 1/4					N	Topsoil 14;blue clay 96;hardpan 100;black shale 103. Water at 100.
Con XI " 12	"	F.Jackson	July 22, 1965	4						Hardpan grit 15;blue clay black gravel 98;black shale 102. Dry hole.
Con XI " 12	"	"	July 23, 1965	4	3	55	18	Fresh	D,S	Hardpan grit 15;blue clay grit 70;black shale 72. Water at 70.
Con XI " 14	W.Douglas	C.Hussey & Son	Dec. 1, 1966	4	8	20	30	"		Brown clay 10;blue clay 96;black shale 101. Water at 98.
Con XI " 19	R.Smith	A.Heal	Sep. 6, 1966	4	1 1/2	86	20	"	D,S	Topsoil 15;blue clay 103;blue clay 84;hardpan 86;black shale 90. Water from 83 to 84.
Con XI " 19	"	"	Oct. 30, 1967	4	3	22	18	"	D	Topsoil yellow clay 15;blue clay 82;hardpan 88;black shale 91. Water from 83 to 85.
Con XI " 21	E.Cornelius	"	Sep. 24, 1964							Yellow topsoil 15;blue clay 88;hardpan 88;black shale 99. Dry hole.
Con XI " 21	"	"	Sep. 28, 1964	4	1 1/2	95	35	Fresh	D,S	Yellow topsoil 15;blue clay 86;hardpan 87;black shale 97. Water from 86 to 87.
Con XI " 22	"	"	Apr. 16, 1966	4	7	22	17	"	D,S	Yellow topsoil 14;blue clay 81;hardpan 90;black shale 93. Water from 83 to 90.
Con XI " 22	"	"	May 14, 1966							Yellow topsoil 14;blue clay 67;boulders 69;clay 81;hardpan 90;black shale 95. Dry hole.
Con XI " 22	"	"	May 20, 1966	4	7	25	17	Fresh	D,S	Yellow topsoil 14;blue clay 82;hardpan 91;black shale 92. Water from 83 to 90.
Con XII " 26	D.Gardner	"	July 7, 1966	4						Yellow topsoil 14;blue clay 76;muddy hardpan 87;black shale 95. Dry hole.



LAWSON COUNTY - cont.  
Fayette Twp. - cont.  
Con XIII lot 30

FLH	C.Vroom	A.Heal	Aug.10,1964	4	4	81	80	Fresh	D	Yellow topsoil 16; blue clay 102½; hardpan 105; black shale 111. Water at 103.
FLH	H.Tresidder	"	June 2, 1966	4	2	75	63	"	D	Yellow topsoil 14; blue clay 83; hardpan 87; black shale 91. Water from 83 to 87.
FLH	Dr.A.McKinley	L.Rawson	July 4, 1964	4½	8	55	35	"	D	Topsoil 12; blue clay 95; hardpan 98; black shale 100. Water at 98.
FLH	"	"	July 18, 1964	4½	10	27	27	"	D, S	Topsoil 12; blue clay 101; hardpan 103; black shale 138. Water at 103.
FLH	C.Goad	A.Heal	July 15, 1966	4	2	105	43	"	D	Yellow topsoil 14; blue clay 92; gritty clay 104; hardpan 105; black shale 129. Water at 105.
FLH	A.Johnson	"	June 12, 1967	4	2	43	43	"	D	Yellow topsoil 16; blue clay 103; hardpan 105; black shale 133. Water at 104.
FLH	C.Sutton	F.Jackson & Son	Dec. 19, 1967	5	5	110	43	"	D	Yellow hardpan stone 15; blue clay grit 103; gravel 104; black grey shale 129.
FLH	A.McCurdy	"	Nov. 4, 1964	4	4	64	64	Fresh	D	Subsoil hardpan 14; blue clay 100; black shale 110. Dry hole.
FLH	W.Ireland	E.Hussey	Nov. 4, 1964	5	5	72	67	"	D	Yellow clay 12; blue clay 80; mild hardpan 97; black shale 100. Water from 99 to 100.
FLH	F.Novack	L.Rawson	June 5, 1964	4	5	62	62	"	D	Topsoil 12; blue clay 102; hardpan 107; black shale 110. Water at 107.
FLH	D.Fontella	"	June 8, 1965	4	5	65	60	"	D	Topsoil 14; blue clay 97; hardpan 102½; black shale 105. Water at 102½.
FLH	R.Cataford & S.McHenry	"	June 4, 1965	4	5	68	61	"	D	Topsoil 12; blue clay 97; hardpan 102; black shale 104. Water at 102.
FLH	J.Whitnall	"	June 2, 1966	4	5	95	60	"	D	Topsoil 14; blue clay 90; hardpan 95; black shale 100. Water at 95.
FLH	P.Dewitt	A.Heal	Oct. 19, 1967	5	1½	64	61	"	D	Topsoil yellow clay 15; blue clay 90; hardpan 92; black shale 99. Water from 91 to 92.
FLH	C.Heffron	"	Oct. 25, 1967	4	5	62	61	"	D	Topsoil yellow clay 15; blue clay 90; hardpan 92; black shale 97. Water from 90 to 91½.
FLH	J.Jay	"	Dec. 22, 1967	4	5	65	61	"	D	Topsoil gravelly clay 15; blue clay 80; hardpan 92; black shale 95. Water from 91 to 92.
FLH	S.Park	L.Rawson	Mar. 18, 1966	4½	5	56	50	"	D	Topsoil 12; blue clay 89; hardpan 94; black shale 93. Water at 91.
FLH	O.Irwin	A.Heal	May 15, 1964	4	3	85	67	"	D	Yellow topsoil 14; blue clay 81; hardpan 87; black shale 90. Water from 85 to 87.
FLH	R.Fuller	"	May 20, 1964	4	3	75	68	"	D	Yellow topsoil 15; blue clay 94; hardpan 95½; black shale 103. Water from 94 to 95½.
FLH	D.Morris	L.Rawson	June 9, 1967	4	5	69	67	"	D	Topsoil 15; blue clay 92; hardpan 96½; black shale 100. Water at 96½.
FLH	J.Douglas	A.Heal	May 25, 1964	4	3	67	64	"	D	Yellow topsoil 15; blue clay 80; hardpan 83; boulders 84; hardpan 94. Water from 84 to 94.
FLH	J.Ruttan	"	Sep. 8, 1965	4	2½	67	65	"	D	Yellow clay topsoil 12; sand gravel 14; blue clay 56; blue clay gravel 77; sand 80; black gravel 90; black shale 91. Water from 89 to 90.
FLH	A.Steele	"	Aug. 30, 1965	4	3	67	65	"	D	Topsoil yellow clay 13; blue clay 58; blue clay gravel 64; blue clay 72; blue gravel 80; sand 82; blue clay 90; hardpan 93; black shale 94½. Water at 93.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST 6 P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Reports to which formations extend below the surface are given in feet)										
LAMBTON COUNTY - cont. Plympton Twp. - cont. PLH lot 47	D.Dowey	A.Heal	May 29, 1964	4	1	90	62	Fresh	D	Yellow topsoil 15; blue clay 76; hardpan 78; gas 89; black shale 91. Water from 87 to 89.
PLH " 47	Spofford	L.Rawson	May 31, 1967	4	5	75	60	"	D	Topsoil 14; blue clay 80; hardpan 89; black shale 91. Water at 89.
PLH " 47	A.Eraun	A.Heal	June 27, 1967	4	1 1/2	61	61	"	N	Topsoil yellow clay 16; blue clay 81; hardpan 87; black shale 98. Water at 87.
PLH " 47	"	"	June 30, 1967	4	1 1/2	60	60	"	N	Topsoil yellow clay 16; blue clay 82; hardpan 86; black shale 95. Water at 86.
PLH " 47	J.Clements	"	July 19, 1967	4	2	65	65	"	D	Yellow topsoil 16; blue clay 82; hardpan 86; grey shale 88; black shale grey streak 100. Gas at 100. Water from 87 to 88.
PLH " 47	A.Braun	"	July 24, 1967	6 1/2	1	61	61	"	D	Yellow topsoil 16; blue clay 82; hardpan 86; loose black grey shale 88; black shale grey streaks 101. Water from 86 to 88.
Sarnia, City	Parks Dept.	S.Atkinson	Jan. 15, 1966	4	2 1/2	140	7	Fresh	P	Clay 2; quicksand 8; grey clay 137; hardpan 139; coarse shale 147; sand 148; shale 160. Water at 137 and 147.
Sarnia Twp. Block A lot 9	W.Archer	Wade's	Sep. 7, 1967	4	1	140	32	Fresh	D	Blue clay 2; yellow clay 20; blue clay 40; grey clay 117; hardpan 127; black shale 140. Water at 127.
Block B " 2	Power Instal- lation	L.Rawson	July 12, 1967	4	5	22 1/2	22 1/2	"	D	Topsoil 14; blue clay 121; hardpan 122; black shale 127. Water from 125 to 127.
Block B " 2	"	"	July 7, 1967	4	"	"	"	"	"	Topsoil 14; blue clay 121; hardpan 122; black shale 132. Dry hole.
Block B " 17	K.Waterfield	G.Hussey & Son	Apr. 13, 1964	4	10	20	15	Fresh	C	Brown top clay 9; blue clay 120. Water at 120.
Block B " 17	F.Stonehouse & Son	F.Jackson & Son	Apr. 11, 1966	6	12	28	23	"	C	Gravel fill 3; hardpan 15; blue clay grit 115; gravel 118; black shale 162. Water at 128.
Con A lot 4	R.Dodds	L.Rawson	May 15, 1965	4	8	29	24	"	D	Topsoil 12; blue clay 105; hardpan 109; black shale 110. Water at 109.
Con I " 6	J.Hruzengs	"	Apr. 14, 1966	4	5	40	25	"	D	Topsoil 12; blue clay 132; hardpan 138; limestone 141. Water at 138.
Con I " 8	H.Elliott	F.Jackson	Oct. 2, 1964	4	"	"	"	"	"	Clay grit 136; limestone 149. Dry hole.
Con I " 8	"	"	Oct. 6, 1964	4	"	"	"	"	"	Hardpan 12; blue clay 150; limestone 150. Dry hole.
Con I " 8	"	"	Oct. 8, 1964	4	3	12	32	Fresh	D	Hardpan 12; blue clay 126; limestone 141. Water at 136.
Con I " 12	G.Poster	Wade's	Jan. 31, 1967	4	"	"	"	"	"	Dark clay 2; blue clay 50; grey clay 125; hardpan 130; black shale 140. Dry hole.
Con I " 12	"	"	Feb. 15, 1967	4	15	40	23	Fresh	D	Dark clay 2; blue clay 50; grey clay 125; hardpan 130; black shale 140. Water at 133.
Con II " 7	S.McCrea	L.Rawson	Mar. 21, 1964	4	8	32	20	Fresh	D, S	Topsoil 18; blue clay 137; grey limestone 152. Dry hole.
Con II " 7	"	"	Mar. 30, 1964	4	"	"	"	"	"	Topsoil 18; blue clay 135; hardpan 138; limestone 140. Water at 138.
Con II " 9	A.Prange	"	Dec. 4, 1965	4 1/2	5	55	55	"	D	Topsoil 15; blue clay 120; grey limestone 122. Water at 120.

## LANEON COUNTY - cont.

Sarnia Twp. - cont.	Con II	lot 13	J. Gerrits	F. Jackson	Sep. 28, 1964 Aug. 12, 1965	4	5	120	25	Fresh	D	Blue clay 146; limestone 155. Dry hole.
Con II	"	14	G. Yarnell	Wade's	Mar. 9, 1967	4	4	75	40	"	D	Black mud 2; hardpan 12; blue clay 18; dark grey clay 129. Water at 127.
Con II	"	16	R. Milliken	L. Rawson	Sep. 2, 1964	4	10	35	35	"	D, S	Dark clay 2; yellow clay 15; grey clay 95; clay sand 110; grey clay 15; gravel 127; black shale 134. Water at 127.
Con III	"	4	J. Lucier	H. Brandon	Jan. 21, 1965	7	10	24	20	"	S	Topsoil 12; blue clay 122; hardpan 123; black shale 126. Water at 123.
Con III	"	10	P. Karelse	L. Rawson	Sep. 23, 1965	4	6	40	20	"	D	Red clay 20; blue clay 120; black sand 137; black shale 140. Water from 137 to 140.
Con III	"	11	T. Underwood	Wade's	Aug. 18, 1967	4	5	18	18	"	D	Topsoil 15; blue clay 132; hardpan 133; grey limestone 135. Water at 133.
Con III	"	12	J. Mezatesta	"	Mar. 27, 1963	4				"	D	Yellow clay 20; blue clay 50; grey clay 137; grey limestone 138. Water at 138.
Con III	"	12	"	F. Jackson & Son	Apr. 17, 1967	4				"	D	Dark clay 2; yellow clay 12; blue clay 85; grey clay 139; hardpan 144; grey limestone 148; grey shale 153. Dry hole.
Con III	"	16	A. Avery	L. Rawson	June 13, 1964	4	8	27	23	Fresh	D	Hardpan stone 18; soft blue clay grit 120; hard blue clay stone 127; black shale 135. Dry hole.
Con III	"	16	W. Joeker	"	Sep. 26, 1964	4	10	40	34	"	D, S	Topsoil 14; blue clay 65; sand 75; blue clay 120; hardpan 123; black shale 126. Water at 123.
Con III	"	16	Industrial Metalcraft	F. Jackson	Aug. 19, 1966	5	16	70	31	"	C	Topsoil 14; blue clay 113; hardpan 114; black shale 116. Water at 114.
Con III	"	16	A. Wighton	L. Rawson	Oct. 31, 1967	4	5	30	30	"	D	Clay loam 2; hardpan 15; blue clay 116; false rock grit 118; black rock 133. Water at 123.
Con IV	"	2	H. Chalmers	B. Humphrey	May 29, 1967	4				"	D	Topsoil 10; blue clay 121; hardpan 123; black shale 125. Water at 123.
Con IV	"	2	"	"	Aug. 23, 1967	4	1	90	90	Fresh	N	Red clay 15; blue clay 136; hardpan 137; top rock 146. Dry hole.
Con IV	"	10	D. Wilkins	"	June 24, 1967	4				"	D, S	Red clay 15; blue clay 136; hardpan 138; top rock 147. Water at 138.
Con V	"	3	D. Vroom	F. Jackson	Aug. 30, 1967	4	17	25	25	Fresh	D, S	Black loam 2; red clay 21; blue clay 131; hardpan 134; black shale 142. Dry hole.
Con V	"	5	Twp. Central School	L. Rawson	Nov. 1, 1965	5	12	65	65	"	D	Top rock 142. Dry hole.
Con V	"	5	S. Kemner	"	Feb. 13, 1965	4				"	N	Red clay 16; blue clay 120; hardpan 122; black sand 123; black shale 125. Water at 125.
Con V	"	13	"	Hadco Well Digging	Apr. 7, 1965	4	3	75	20	Salt	P	Topsoil 2; hardpan 10; blue clay 98; black shale 100. Water at 99.
Con V	"	13	"	"	Jan. 9, 1964	30		115	82	Fresh	D, S	Topsoil 14; blue clay 127; grey limestone 147. Water at 145.
Con V	"	13	"	"	Jan. 9, 1964	30	20	118	49	"	D, S	Topsoil 14; blue clay 128; limestone 137. Water at 128.
Con V	"	13	L. Lindinger	S. Atkinson	Jan. 22, 1964	4				"	D, S	Topsoil 2; brown clay 14; blue clay 114; shale 115; gravel 116. Water at 115.
Con V	"	13	"	"	Feb. 5, 1964	4				"	D, S	Topsoil 2; brown clay 13; blue clay 116; shale 116; gravel 118. Water at 117.
Con V	"	13	"	"	Feb. 12, 1964	4				"	D, S	Topsoil 12; yellow clay 15; blue clay 108; grey shale 115. Dry hole.
Con V	"	13	"	"	Feb. 18, 1964	4				"	D, S	Topsoil 12; yellow clay 15; blue clay 107; grey shale 144. Dry hole.
Con V	"	13	"	"	Feb. 18, 1964	4				"	D, S	Topsoil 2; yellow clay 15; blue clay 104; black gravel 107; grey shale 116. Dry hole.
Con V	"	13	"	"	Feb. 18, 1964	4				"	D, S	Topsoil 2; yellow clay 15; blue clay 106; grey shale 114. Dry hole.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont.										
Sarnia Tp. - cont.										
Con V	D.Kember	L.Rawson	Sep.30,1965	4	5	63	55	Fresh	D	Topsoil 15;blue clay 113;hardpan 115;black shale 117. Water at 115.
Con V	H.Lucier	E.McDonald	June 7,1966	4	8	15	11	"	D,S	Topsoil 2;brown clay 20;blue clay 67;gravel 69;black shale 70; Water from 67 to 69.
Con V	M.&A. Leckie	Wade's	Nov.22,1967	4	5		19	"	D	Yellow clay 12;blue clay 114;sand gravel 115;black shale 123. Water at 115.
Con V	E.Gonyou	H.McDonald	July22,1966	4 1/2	1	80	12	"	N	Topsoil 2;brown clay 22;blue clay 78;fine sand clay 79;black shale 80. Water from 78 to 79.
Con V	"	"	July20,1966	4 1/2				"		Topsoil 2;brown clay 22;blue clay 78;black shale 80. Dry hole.
Con V	"	"	July18,1966	4 1/2				"		Topsoil 2;brown clay 20;blue clay 78;black shale 80. Dry hole.
Con V	"	"	July21,1966	4 1/2				"		Topsoil 2;brown clay 22;blue clay 78;black shale 80. Dry hole.
Con VI	W.McKen	Wade's	Apr.21,1967	4	5	90	90	Fresh	D	Dark clay 2;yellow clay 12;blue clay 35;grey clay 99;grey lime, stone 107. Water at 105.
Con VI	H.Walber	H.McDonald	June 3,1966	4	5	45	20	"	D	Topsoil 2;brown clay 20;blue clay 78;gravel 80;black shale 82. Water from 78 to 80.
Con VII	S.Kirby	Earl & Lather	July25,1967	4				"		Red clay 12;grey clay 95;hardpan 110;hardpan gravel 115;black shale 128. Dry hole.
Con VII	B.Borojevlic	L.Rawson	May15, 1964	4	4	75	35	Fresh	D,S	Topsoil 15;blue clay 129;limestone 142. Water from 126 to 138.
Con VII	H.Marks	"	Dec.11,1965	4	5	25	25	"	D	Topsoil 14;blue clay 105;hardpan 107;black shale 110. Water at 107.
Con VII	W.Joecks	"	May 26,1966	4	6	30	20 1/2	"	D	Topsoil 12;blue clay 105;hardpan 107;black shale 110. Water at 107.
Con VII	W.Weiland	"	July 5,1965	4	5	50	31	"	D	Topsoil 14;blue clay 106;hardpan 108;black shale 111. Water at 108.
Con VII	"	"	July 1,1965	4				"		Topsoil 14;blue clay 108;black shale 120. Dry hole.
Con VII	J.Biggers	A.Humphrey	June 8,1967	4	2	70	22	Fresh	D	Black loam 2;white marl 3;black loam 20;grey fine sand 80; gravel sand 103;black shale 113. Water at 70 and from 85 to 113.
Con VII	J.Verslype	P.Jackson	May 11,1964	4	12	70	22	"	D	Marl 2;hardpan 15;blue clay 75;sand 90;clay grit 106;black shale 111. Water at 106 and 109.
Con VII	A.Hendricks	"	Feb.11,1965	4				"		Marl topsoil 3;hardpan 15;blue clay 105;black shale 111. Dry hole.
Con VII	"	"	Feb.15,1965	4	4	95	19	"	D	Sand 5;hardpan 15;blue clay 105. Water at 104.
Con VIII	J.DeJong	L.Rawson	Nov.26,1966	4	1 1/2		10	"	D	Topsoil 7;blue clay 121;grey limestone 140. Water at 128.
Con IX	H.Macklin	P.Jackson & Son	Oct. 5,1967	5				"		Sandy subsoil 7;blue clay 142;black shale 202;sandstone 210. Dry hole.
Con IX	Parks Dept.	S.Atkinson	June29,1965	4	5	177	90	Fresh	P	Sand 4;clay 6;quicksand 16;grey clay fine particles shale 139; hardpan 141;coarse grey shale 177. Water at 159 1/2.
Con IX	City Sarnia	"	July 6,1965	4	1 1/2		18	"	P	Clay 2;quicksand 10;grey clay 140;hardpan 142;coarse shale 155; Water at 140.
Con IX	"	"	May 23,1964	4	1	140	5 1/2	"	D	Marl topsoil 2;hardpan 8;sand 15;blue clay 137;black shale 142 Water at 139.

LAMBTON COUNTY - cont.  
Sombra Twp.

Con V	lot B	G.Motte	Wade's	Apr. 21, 1965	4	10	15	15	Fresh	D	Sand 11; grey clay 142; hardpan gravel 153. Water at 153.
Con V	"	O.Bumpus	Hadoo Well Drilg. & Digging Ltd.	May 31, 1967	30		28	8	"	D	Topsoil 1; brown clay 4; brown sand 8; blue sandy clay 15; blue clay 30. Water at 7 and 10.
Con V	"	E.R.Vandamme	D.Simpson	Aug. 6, 1965	4	2	16	13	Salt	N	Topsoil 2; clay 139; sand gravel 141; hardpan 148. Water at 139.
Con V	"	E.H.Couture	Hadoo Well Drilg. & Digging Ltd.	Aug. 4, 1967	30	4	26	7	Fresh	D	Sandy fall 4; black muck 5; grey sand 30. Water at 6 and 20.
Con V	"	Imperial Oil Co Ltd.	H.McDonald	Sep. 22, 1965	4	7	40	24	Sulphur Salt	T	Topsoil 2; brown clay 25; blue clay 126; gravel 127; black shale 129. Water at 126.
Con V	"	"	"	Sep. 28, 1965	4	6	60	24	Fresh	T	Topsoil 2; brown clay 25; blue clay 128; gravel 130; grey shale 140. Water at 128.
Con V	"	D.DeJonghe	"	Dec. 8, 1965	4	7	35	16	"	D	Topsoil 2; brown clay 22; blue clay 128; gravel 129; black shale 130. Water at 128.
Con V	"	Imperial Oil	"	Oct. 15, 1966	4	4	15	15	"	D	Topsoil 2; brown clay 23; blue clay 127; gravel 128; black shale 165. Water at 127.
Con V	"	J.Deweyn	V.Conlon	July 2, 1964	3	3	40	25	"	D, S	Topsoil 2; sandy clay 12; blue clay 124; sand hardpan 129; fine gravel 129. Water at 129.
Con V	"	J.VanDamme	"	Sep. 27, 1966	3	3 1/2	25	17	"	D, S	Brown clay 4; blue clay 100; fine sand 102; fine gravel 103. Water from 182 to 103.
Con V	"	C.Langstaff	Wade's	Sep. 15, 1964	4						Yellow clay 8; blue clay 82; sand muck 85; grey shale 95. Dry hole.
Con V	"	"	"	Sep. 20, 1964	4						Yellow clay 8; blue clay 65; grey clay 83; hardpan 94; grey shale 100. Dry hole.
Con V	"	W.Allsfr	"	Aug. 7, 1961	4						Yellow clay 12; blue clay 74; sand gravel 84; grey shale 121. Dry hole.
Con V	"	C.Langstaff	"	Sep. 30, 1964	4						Yellow clay 8; blue clay 60; grey clay 80; sand muck 84; hardpan 96. Dry hole.
Con V	"	"	"	Oct. 3, 1964	4	1	60	8	Fresh	D	Yellow clay 8; blue clay 60; grey clay 75; sand gravel 80. Water from 75 to 80.
Con V	"	R.Green	D.Simpson	Apr. 27, 1967	7	7	15	7	"	D, S	Topsoil 1; yellow clay 6; blue clay 48; gravel 50; black shale 54. Water from 48 to 50.
Con VI	"	W.Griffith	V.Conlon	Sep. 14, 1967	2	3	55	32	"	D, S	Surface soil 3; brown clay 12; blue clay 124; fine sand gravel 126. Water at 126.
Con VI	"	A.Watershoot	Wade's	Nov. 23, 1966	4	2	70	23	"	D, S	Reddish clay sand 8; blue clay 55; blue clay sand 80; grey clay 115; sand gas 117; grey shale 126. Water at 117.
Con VI	"	R.Wade	"	May 9, 1967	4						Yellow clay 10; blue clay 71; hardpan 75; grey shale 85. Dry hole.
Con VI	"	"	"	May 10, 1967	4	1	25	15	Fresh	D	Yellow clay 12; blue clay 67; hardpan 70; grey shale 85. Water at 73.
Con VI	"	A.Pharazyn	V.Conlon	June 12, 1967	4	2	38	24	"	D, S	Surface clay 2; blue clay 80; fine sand silt 86; fine sand gravel 87. Water from 81 to 87.
Con VI	"	F.Koneony	Wade's	May 15, 1964	4	7	18	18	"	N	Yellow clay 6; blue clay 57; sand 60; black shale 80. Water at 60.
Con VI	"	"	"	June 30, 1964	4	7	18	18	"	D	Yellow clay 10; blue clay 50; sand clay 57; sand 60; black shale 70. Water at 65.
Con VII	"	"	"	Oct. 26, 1964	4	1	148	16	"	D	Yellow clay 8; blue clay 70; grey clay 126; hardpan 130; black shale 148. Water at 134.
Con VII	"	S.Bowls	"	Apr. 28, 1967	4	5	50	20	"	D	Dark clay 1; yellow clay 6; grey clay 121; hardpan 123; black shale 132. Water at 124.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
LAMETON COUNTY - cont. Sombra Twp. - cont.										
Con VII lot 11	W. Arnold	H. McDonald	June 9, 1965	4	4	35	25	Fresh	D, S	Topsoil 2; brown clay 20; blue clay 122; gravel 124; black shale 125. Water at 122.
Con VII " 16	Smeltzer	"	June 24, 1965	4						Topsoil 2; brown clay 18; blue clay 97; black shale 100. Dry hole.
Con VII " 16	"	"	July 2, 1965	4						Topsoil 2; brown clay 20; blue clay 95; black shale 100. Dry hole.
Con VII " 28	K. Harris	D. Simpson	May 15, 1964	6	4	45	16	Fresh	S	Topsoil 1; clay 77; gravel loose shale 79; black shale 81. Water at 77.
Con VIII " 6	B. Browning	Wade's	July 28, 1965	4						Sand 3; quicksand 3 1/2; blue clay 152; hardpan 162; black shale 180. Dry hole.
Con VIII " 6	"	"	Aug. 11, 1965	4						Sand 3; blue clay 148; sand 151; hard sand 152; black shale 170. Dry hole.
Con VIII " 6	"	"	Aug. 9, 1965	4						Sand 3; quicksand 3 1/2; blue clay 149; sand gravel 152; hardpan 161; black shale 205; grey shale 208. Dry hole.
Con VIII " 6	"	"	Aug. 19, 1965	4	1 1/2		24	Fresh	D, S	Sand 5; blue clay 149; hardpan 155; black shale 178. Water at 160.
Con VIII " 14	E. Dell	H. McDonald	Nov. 11, 1964	4	5	32	24	"	S	Topsoil 2; brown clay 22; blue clay 104; gravel 108; black shale 109. Water at 108.
Con VIII " 15	H. Toullooh	"	July 6, 1965	4	4	30	22	"	S	Topsoil 2; brown clay 20; blue clay 98; gravel 106; black shale 108. Water at 98.
Con VIII " 16	E. Dell	"	Nov. 8, 1967	4	6	48	32	"	D	Topsoil 2; brown clay 22; blue clay 101; gravel 106; black shale 107. Water at 101.
Con VIII " 19	"	"	June 19, 1967	4	25	30	20	Sulphur	S	Topsoil 2; brown clay 20; blue clay 87; gravel 88; black shale 91. Water at 87.
Con VIII " 28	J. Watson	Wade's	June 8, 1965	4	2	25	18	Fresh	S	Yellow clay 15; blue clay 70; hardpan 73; black shale 80. Water at 72.
Con IX " 1	A. Ellis	H. Brandon	July 20, 1965	4						Red clay 12; blue clay 138; gravel 139; grey sand 165; gravel sand 168; hardpan 170; black shale 184. Dry hole.
Con IX " 8	J. Lacey	H. McDonald	June 21, 1966	4						Topsoil 2; brown clay 25; blue clay 140; gravel 141; black shale 160. Dry hole.
Con IX " 8	"	V. Conlon	Nov. 29, 1966	2						White clay 15; blue clay 134; fine black sand 141; fine silt pebbles 143; fine black sand 155. Dry hole.
Con IX " 8	"	Wade's	Dec. 17, 1966	4						Sand clay zones 4; yellow clay 14; blue clay 140; hardpan 146; black shale 170. Dry hole.
Con IX " 8	"	"	Dec. 28, 1966	4	1 1/2	100	24	Fresh	D	Dark clay 1; yellow clay 14; blue clay 140; hardpan 145; black shale 170. Water at 147.
Con IX " 16	L. Delanghe	"	Apr. 1, 1964	3	6	41	26	"	S	Yellow clay 10; blue clay 111; hardpan 113; black shale 120. Water at 116.
Con IX " 26	E. Kerr	"	Apr. 11, 1964	4	5	50	32	"	D	Yellow clay 15; blue clay 73; black shale 94; grey shale 96. Water at 73.
Con IX " 26	"	"	Aug. 26, 1964	4	3	40	29	"	D	Yellow clay 8; blue clay 70; hardpan 74; black shale 77. Water at 75.
Con XI " 27	L. Krohn	R. Simpson	May 12, 1967	4	2	80	40	"	D, S	Topsoil 2; yellow clay 7; blue clay 100; hardpan 104; shale 107. Water at 104.
Con IX " 29	H. Stokes	D. Simpson	Sep. 11, 1964	4	12	18	17	Sulphur	S	Gravel 64. Water at 60.
Con X " C	J. Nantias	H. Brandon	Mar. 1, 1965	4						Red clay 14; blue clay 130; sand gravel 181; grey limestone 185; limestone 186; soapstone limestone 220; black shale 267. Dry hole.
Con X " 16	S. Smith	H. McDonald	May 9, 1964	4	3	45	32	Fresh	D	Topsoil 2; brown clay 15; blue clay 114; gravel 117; black shale 118. Water at 114.



LAMBTON COUNTY - cont.  
Sombra Twp. - cont.

LAWREN COUNTY - cont.									
Sombra Twp. - cont.									
Con X lot 19	J. Fabian	H. McDonald	May 8, 1965	4	10	35	20	Fresh	D, S
Con X	M. Robinson	R. Simpson	Feb. 8, 1964	4	4	35	15	"	D, S
Con XI	L. Hinnegan	V. Conlon	Nov. 18, 1965	2	3	87	72	"	D, S
Con XII	D. Smith	Wade's	Oct. 15, 1965	4					
Con XII	R. King	H. McDonald	July 9, 1964	4	6	35	22	Fresh	D
Con XII	A. Shipley	"	May 14, 1966	4	6	55	25	"	D, S
Con XII	A. Rankin	"	Nov. 9, 1965	4	6	45	23	"	D
Con XII	W. Scott	V. Conlon	May 25, 1966	3	3	50	32	"	D
Con XII	T. Smith	H. McDonald	Aug. 5, 1966	4 1/2		115		"	N
Con XII	"	"	Aug. 8, 1966	4 1/2					
Con XII	"	"	Aug. 11, 1966	4 1/2					
Con XII	"	"	Sep. 10, 1966	4 1/2					
Con XII	G. Burr	D. Douglas	Aug. 22, 1967	2	2	75	42	Fresh	D, S
Con XIII	L. Henry	V. Conlon	Sep. 12, 1966	3					
Con XIII	W. Flynn	"	June 12, 1964	2					
Con XIII	"	"	June 26, 1964	2	5	25	6	Salty	D, S
Con XIII	D. King	H. McDonald	Apr. 17, 1965	4	6	55	14	Fresh	D
Con XIII	R. Pretty	"	May 12, 1967	4	4	30	20	"	D, S
Con XIII	A. Levielle	"	Oct. 13, 1964	4					
Con XIV	G. Miller	Gen. Drilg. & Well Service	Apr. 8, 1967	5	100	20	20	"	D, S
Con XIV	R. Parr	Wade's	Oct. 17, 1966	4	2	70	31	Fresh	D
Con XIV	W. Arnold	"	Oct. 21, 1966	4					
Con XIV	"	"	Mar. 28, 1966	4	1 1/2	185	22	"	D
Con XIV	"	"	Mar. 14, 1966	4	1 1/2			"	N
Con XIV	K. Arnold	"	Feb. 28, 1966	4	1 1/2	172	27	"	N
Con XIV	"	"	Mar. 4, 1966	4	10	22	22	"	D

\* See end of Appendix C for the meanings of abbreviations and symbols.

## APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1954 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
LAMETON COUNTY - cont. Sombra Twp. - cont.										
Con XIV lot 22	A. Bullock	M. Bullock	Oct. 20, 1965	2	5		30	Fresh	D, S	Topsoil 2; gritty blue clay 95; gravel clay 102; grey hardpan 117; Water at 114.
Con XV " 2	B. Brown	"	Aug. 6, 1964							Black topsoil 2; grey clay gravel 100; grey shale 101; grey clay gravel 159; gravel 160; black shale. Dry hole.
Con XV " 2	"	"	Aug. 14, 1964							Black topsoil 2; grey clay gravel 147; grey shale 150; gravel 151; black shale. Dry hole.
Con XV " 2	Can. Industries Ltd.	P. Jackson	Apr. 17, 1965	6½	1½		27	Fresh	N	Hardpan 12; blue clay 142; fine sand grit stone 162; clay pebbles 168; stones grit 170; black shale rock grey shale 186. Water at 142 and 168.
Con XV " 2	"	"	Apr. 28, 1965							Hardpan 12; blue clay 144; gravel 150. Water at 144.
Con XV " 25	D. Workman	D. Workman	Aug. 15, 1964	6½ 4½	18	80	25 30	" Salty	D D	Brown clay 15; grey clay 70; grey clay pebbles 90; blue grey sand 103. Water at 103.
Con XV " 25	B. Freece	V. Conlon	Nov. 14, 1964	3	4	30	22	Fresh	D	Topsoil 2; stony blue clay 25; blue clay 98; fine sand 99; medium gravel 100. Water from 99 to 100.
Walpole Indian Reserve	Homol Corp.	D. Wade	Feb. 28, 1964	4						Sand clay 10; grey clay 95; fine sand 104; grey shale 126. Dry hole.
	"	"	Mar. 6, 1964	4	4	35	6	Fresh	D	Sand clay 10; grey clay 95; sand 98; sand 104. Water at 104.
Warwick Twp.										
ERN Con I lot 3	G. Lowrie	A. Heal	Oct. 15, 1964	4	2	100	26	Fresh	D	Topsoil yellow clay 13; blue clay 102; hardpan 104; black shale 111. Water from 103 to 104.
ERN Con I " 8	C. York	C. Thrower	Sep. 16, 1966	4	6	16	14	"	D, S	Sand 5; blue clay 45; gravel hardpan 52. Water from 52 to 54.
ERN Con I " 10	C. Dryce	"	Sep. 22, 1966	5	4	20	12	"	D	Sand 5; blue clay 30; gravel clay 36; gravel 38. Water from 36 to 38.
ERN Con I " 10	G. Pemberton	R. Hudson	Apr. 13, 1967	36	1½	30	5	"	D	Sandy clay 5; blue clay 30; gravel streaks 34; rock. Water at 34.
ERN Con I " 10	"	"	Apr. 14, 1967	36	1½	20		"	D	Sandy clay 5; blue clay 24; rock. Water at 24.
ERN Con I " 10	A. Burr	"	Apr. 14, 1967	36	1	30	5	"	D	Sandy clay 12; blue clay 28; sandy clay 30. Water at 30.
ERN Con I " 10	Warwick Town Hall	"	June 27, 1967	36	1	28	5	"	P	Sandy clay 5; blue clay 30; rock. Water at 30.
ERN Con I " 10	P. Dolan	"	Oct. 26, 1967	36	1	25	4	"	D	Sand 5; blue clay 24; gravelly clay 31. Water at 30.
ERN Con I " 11	G. Wilkinson	A. Heal	June 12, 1964	4	4	27	14	"	D	Topsoil sand 4; sand 10; blue clay 28; hardpan 31; black shale 32½. Water from 31½ to 32.
ERN Con I " 12	W. Ferguson	"	Oct. 14, 1966	4	½	33	10	"	D	Topsoil sand 7; blue clay 20; gravel clay 26; gravel 29; black shale 34. Water at 30.
ERN Con I " 12	"	"	Oct. 18, 1966	4						Topsoil sand 7; blue clay 20; gravel clay 29; black shale 44. Dry hole.
ERN Con I " 12	"	"	Oct. 25, 1966	6½	3	13	10	Fresh	D	Topsoil yellow clay 7; blue clay 20; black sand gravel 29; black shale 40. Water from 22 to 23.
ERN Con I " 25	W. Smale	"	Aug. 8, 1966	4	2½	96	48	"	D, S	Sandy clay 11; yellow clay 16; blue clay 54; gravel clay 57; blue clay 127; blue clay sand 140; hardpan 142; black shale 147. Water at 142.

ERN Con I	lot 27	M. VanKessel	S. Earl	Nov. 22, 1967	4	15	45	42	Fresh	D, S	Clay 8 sand stones 12; clay 93; hardpan 116; black shale 121. Water from 116 to 119.
ERN Con I	" 28	R. Parker	A. Heel	Oct. 2, 1967	4	5	68	57	"	D	Topsoil sandy clay 32; sand 36; blue clay 82; sandy clay 90; blue clay sand streaks 136; hardpan 137; black shale 147. Water from 136 to 137½.
ERN Con I	" 29	I. Parker	"	May 4, 1965	4	4	38	37	"	D	Topsoil sand 25; sandy clay 54; blue clay 115; hardpan 117½; black shale 120. Water at 116.
ERN Con I	" 29	J. Peters	R. Hudson	June 17, 1967	36½	2	14	6	"	D, S	Brown clay 2; brown sand 15; test hole in bottom to 28, fine quicksand. Water at 6.
ERN Con II	" 29	A. Roder	A. Heel	Aug. 28, 1964							Yellow topsoil 14; sandy clay 31; clay 40; sandy clay 70; gritty clay 140½; limestone 141; clay 148; limestone 150; gritty clay 165; limestone 195; soapstone 197. Dry hole.
ERN Con II	" 29	"	"	Aug. 30, 1964	5	2		19½	Fresh	D, S	Yellow clay topsoil 14; sandy clay 27; sand 31; sand clay 32. Water at 27 and 31.
ERN Con II	" 29	"	"	Sep. 5, 1964	5	2		16	"	D, S	Topsoil sandy clay 14; muddy sand 36; clay 72; sand 76. Water from 72 to 76.
ERN Con II	" 29	Rodgers Turkey Farm	R. Smith	Apr. 28, 1967	5½	15	60	30	"	D, S	Fit 5; brown clay 32; clay sand 56; blue clay 64; grey sand 68; sand 72; sand clay 74. Water from 68 to 72.
ERN Con III	" 9	P. Huyben	A. Heel	Apr. 7, 1964	4	4	61	40	Sulphur	D	Top soil yellow clay 14; blue clay 89; sand 90; black shale 94. Water from 89 to 90½.
ERN Con III	" 24	R. Miner	R. Hudson	Oct. 8, 1966	36	3	25	15	Fresh	D, S	Brown clay 10; blue clay 25; fine sand 34. Water at 25.
ERN Con III	" 27	W. Eastman	A. Heel	Sep. 10, 1964	4	4	22	22	"	D, S	Topsoil sand 8; sandy clay 45; clay 78; gritty clay 92; clay 100½; hardpan 102; black shale 104. Water from 100½ to 102.
ERN Con III	" 28	A. Roder	"	June 15, 1966	4	4½	116	30	"	D, S	Topsoil sandy clay 77; sand 86; sandy clay 99; blue clay 110; gravelly hardpan clay streaks 116; soft grey shale 127. Water at 116.
ERN Con IV	" 17	R. Gilliland	S. Earl	Oct. 14, 1964	4½	5	38	19	"	D	Clay 22; gravel 23; clay 58; black shale 112; grey shale 130. Water from 126 to 130.
ERN Con IV	" 19	J. Jansen	"	Nov. 25, 1967	4	15	10	10	"	D	Clay 7; black shale 92. Water from 80 to 85.
ERN Con IV	" 27	A. Eastman	A. Heel	June 16, 1967	4	5	42	31	"	D, S	Top soil sandy clay 25; red sandy clay 53; grey sand 61. Water from 59 to 61.
ERN Con IV	" 29	D. Kusters	R. Smith	Jan. 31, 1967	5	10	60	40	"	D, S	Brown clay 32; silty blue clay 68; silty grey sand 73; silty blue clay 103; blue clay stones 112; coarse sand 114. Water from 68 to 73 and at 112.
ERN Con IV	" 30	H. McChesney	A. Heel	June 22, 1966	4	6	55	53	"	D, S	Yellow topsoil 14; blue clay 30; sandy clay 54; sand 63; sandy clay 65; blue clay 104; fine gravel 110. Water from 104 to 110.
ERN Con V	" 3	H. Maidment	"	Apr. 28, 1964	4	4	47	47	"	D	Yellow topsoil 15; blue clay 90; hardpan 105; black shale 110. Water from 91 to 105.
ERN Con V	" 11	H. Huctwith	"	July 8, 1967	6	6	30	19	"	D	Yellow topsoil 18; blue clay 72; muddy hardpan 73½; black shale 79½. Water from 72 to 73½.
ERN Con V	" 12	J. Wouter	S. Earl	Dec. 16, 1967	4	1	80	70	"	D	Clay 58; hardpan 68; black clay 122; grey shale 232. Water at 230.
ERN Con V	" 12	A. Vanloy	"	Dec. 20, 1967	4	15	35	30	"	D, S	Clay 60; hardpan 64; black shale 92. Water at 85.
ERN Con V	" 14	G. Ross	R. Throver	Nov. 27, 1967	4½	5	30	25	"	D, S	Topsoil 5; blue clay 50; gravel 51; blue clay 65; gravel 70. Water from 69 to 70.
ERN Con VI	" 4	P. Dare	A. Heel	Sep. 15, 1964	4	1		80	"	N	Yellow topsoil 14; blue clay 102; hardpan 104; black shale 107. Water from 102 to 104.
ERN Con VI	" 4	"	"	Sep. 22, 1964	4	4	90	80	"	D, S	Yellow topsoil 14; blue clay 104½; hardpan 105; black shale 115. Water from 104½ to 105.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Replies to which formations extend below the surface are given in feet)
LAMBTON COUNTY- cont. Warwick Twp. - cont.										
ERN Con VI lot 7	E.Kernohan	S.Atkinson	Sep.19,1966	4	5	77	74	Fresh	D,S	Topsoil 1;yellow clay 20;grey clay 56;gravel 60;grey clay 80; gravel 83;grey clay 97;shale 109. Water at 98.
ERN Con VII " 12	Levitt Bros.	A.Heal	Jan.26,1965	4	5	48	44½	Sulphur	D,S	Topsoil yellow clay 15;blue clay 40;gravel 42;hard gritty clay 76;hardpan 88;black shale 102. Water from 89 to 89½.
ERN Con VII " 14	L.Oates	"	Nov.26,1966	4	5	38	37	Fresh	D,S	Yellow topsoil 15;blue clay 56;gritty clay 93;hardpan 95½; black shale 97. Water at 94.
ERS Con I " 9	G.Robert	"	June18,1964	4	3	14	13	"	D	Topsoil yellow clay 14;sand soft blue clay 18;black gravel 22. Water from 18 to 20.
ERS Con I " 9	Warwick Ball Park	"	Aug. 6,1965	4	1½	48	8	"	P	Topsoil yellow clay 6;sand 13;blue clay 45;black gravel 48; black shale 54. Water from 45 to 48.
ERS Con I " 21	H.Zavitz	"	Sep.21,1965	4	2½	46	29	Sulphur	D,S	Topsoil yellow clay 18;blue clay 37;sandy blue clay 46;black gravel 13;49;blue clay 82;black gravel 85;hardpan 95;black shale 107;black shale 110. Water from 98 to 107. Dry hole.
ERS Con I " 28	G.Parker	"	July16,1965	4	4	74	72	Fresh	D,S	Topsoil gravel 9;yellow clay 20;blue clay 45;gravel 47;sandy clay 97;sand gravel 109;clay 121;sand gravel clay 154; hardpan 156. Water from 154 to 155.
ERS Con II " 4	J.Kersey	"	Oct.20,1964	4	3	26	16	"	D,S	Topsoil yellow clay 15;blue clay 55;hardpan 58;black shale 62. Water at 36.
ERS Con II " 8	O.Clark	C.Thrower	July27,1964	5	4	17	15	"	S	Sandy blue clay 10;blue clay 35;black shale 40. Water at 36.
ERS Con II " 8	A.Goldhawk	A.Heal	May 14,1965	4	1½	60	16	"	D	Yellow topsoil 14;blue clay 30½;hardpan 31;black shale 60. Water at 31.
ERS Con II " 16	C.Manders	S.Earl	Aug.13,1964	4½	10	27	3	Sulphur	D	Clay 42;black shale 48. Water at 43.
ERS Con II " 19	O.Wallis	A.Heal	Apr.11,1964	4	4	26	20	Fresh	D	Yellow topsoil 15;blue clay 69;gravel 71;gritty clay 87;hardpan 90;black shale 112. Dry hole.
ERS Con II " 19	"	"	Apr.14,1964	4	4	26	20	Fresh	D	Yellow topsoil 15;blue clay 50;gritty clay 86½;grey hardpan 88;muddy hardpan 89½. Water from 88½ to 87½.
ERS Con II " 20	D.Cook	R.Thrower	June13,1967	4	6	25	22	"	S	Loam 5;clay 30;sand 35;clay 92;gravel 95. Water from 92 to 95.
ERS Con II " 29	P.Beattie	A.Heal	Aug.23,1966	4	5	73	21	"	D,S	Sandy loam 9;quicksand 17;sandy clay 24;blue clay 40;sandy clay 58;gravel clay 60;blue clay gravel 92;sand clay 98½; hardpan 102;black shale 119. Water at 102.
ERS Con III " 2	C.Abra	C.Thrower	June25,1964	4½	5	40	22	"	D,S	Clay 10;blue clay 20;sand 21;blue clay 69;gravel 70;black shale 73. Water at 69.
ERS Con III " 2	B.Larson	"	Sep. 4,1965	4½	5	35	20	"	D,S	Brown clay 12;sand 22;blue clay 70;gravel. Water at 70.
ERS Con III " 2	C.Abra	"	June20,1966	4½	1	80	22	"	N	Topsoil 16;fine sand 18;blue clay 65;fine grey gravel 70;black shale 80. Water from 65 to 70.
ERS Con III " 2	"	"	June28,1966	4½	1	75	22	"	N	Topsoil 16;fine sand 18;blue clay 65;fine grey gravel 70;black shale 75. Water from 65 to 70.
ERS Con III " 4	F.Brower	"	July14,1964	4½	6	20	16	"	D,S	Topsoil 2;blue clay 40;gravel sand 42;blue clay 65;gravel 66; black shale 68. Water at 66.
ERS Con III " 4	A.Morgan	"	Sep.14,1965	4½	5	14	12	"	D,S	Top brown clay 5;blue clay 22;streak sand 23;blue clay 49; gravel 50. Water at 49.
ERS Con III " 5	R.Morgan	"	Dec.30,1965	4½	5	15	14	Fresh	D,S	Top clay 8;blue clay 28;sand 30;blue clay 50;gravel 50½;black shale 75. Dry hole.
ERS Con III " 5	"	"	Jan. 7,1966	4½	12	20	12	"	D,S	Top brown clay 8;blue clay 28;streak sand 30;blue clay 47; gravel 50. Water at 47.
ERS Con III " 6	N.Morgan	"	May 20,1965	4½	12	20	12	"	D,S	Brown clay 8;blue clay 23;sand 24;blue clay 38;gravel 40. Water at 38.
ERS Con III " 6	K.Green	"	June10,1965	4½	5	17	14	Fresh	D	Brown clay 8;blue clay 24;sand 25;blue clay 38;dirty gravel 40; black shale 50. Dry hole.
ERS Con III " 6	"	"	July20,1965	4½	5	17	14	Fresh	D	Brown clay 8;blue clay 24;sand 25;blue clay 38;sand gravel 40. Water at 38.

LANEY COUNTY - cont.

Warwick Twp. - cont.

ERS Con III lot 7

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ERS Con IV " 4

ERS Con IV " 4

ERS Con IV " 11

ERS Con IV " 18

ERS Con IV " 18

ERS Con V " 28

ERS Con VI " 7

ERS Con VI " 10

ERS Con VI " 25

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## APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER TEST INCHES	PUMPING G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Beemsville Village	A. Hruszczak	W. Field & Son	June 17, 1965	6 1/2	1 1/2	60	20	Fresh	Ir	Sandy brown clay 20; blue clay gravel 50; medium gravel 55; red shale 64. Water at 50. Clay 22; red shale 60. Dry hole. Bed clay 20; red shale 30. Water at 28.
	P. Wlachosko	S. Merritt	Dec. 1, 1966	6 1/2						
	R. Wychlaga	P. Merritt	Jan. 19, 1967	6 1/2	1	25	12	Salt	D	
Calstar Twp.										
Con I	Lot 1	Piotrowski Bro.	S. Merritt	Dec. 11, 1964	6 1/2	16	23	10	Fresh	S
Con I	"	S. Piotrowski	"	Dec. 7, 1965	6 1/2	16	30	18	Sulphur	S
Con I	"	P. Ince	"	July 2, 1965	6 1/2	13	35	17	Fresh	D, S
Con II	"	P. Kaziemko	"	Apr. 1, 1965	6 1/2	10	25	17	Fresh	D, S
Con II	"	C. Suster & Son	"	Jan. 2, 1967	6 1/2	15	27	20	"	S
Con II	"	K. Phillips	"	Sep. 5, 1967	6 1/2	16	28	27	"	S
Con III	"	A. Martens	"	June 13, 1967	6 1/2	10	25	20	Sulphur	D, S
Con III	"	H. Bistau	"	Apr. 14, 1966	6 1/2	20	37	32	"	D
Con III	"	A. Bruder	"	Mar. 25, 1964	6 1/2	20	40	37	Fresh	D, S
Con IV	"	S. Routsy	"	Sep. 7, 1967	6 1/2	15	44	42	"	D
Con IV	"	H. Schaub	"	Feb. 28, 1966	6 1/2	10	51	52	"	S
Con IV	"	J. Ruff	"	June 15, 1965	6 1/2	10	38	32	"	S
Con IV	"	G. Vieceil	"	Aug. 23, 1967	6 1/2	16	32	20	"	S
Con IV	"	M. Young	"	Feb. 15, 1967	6 1/2	16	22	22	"	S
Con IV	"	E. Plazek	"	May 12, 1964	6 1/2	30	30	26	"	D
Con IV	"	J. Vanderheyden	"	Apr. 29, 1967	6 1/2	10	45	25	"	D
Con IV	"	J. Horne	"	Aug. 4, 1966	6 1/2	20	40	20	"	D
Con V	"	E. Czeene	"	July 16, 1964	6 1/2	10	40	35	"	D, S
Con V	"	D. Hazden	"	Aug. 29, 1966	6 1/2	16	55	50	"	S
Con V	"	"	"	June 21, 1965	6 1/2	16	60	48	"	S
Con V	"	W. Bebas	"	Jan. 8, 1964	6 1/2	10	30	25	Sulphur	D, S
Con V	"	D. Heffner	"	Mar. 29, 1967	6 1/2	5	75	30	Fresh	D
Con V	"	W. Kischel	"	June 30, 1964	6 1/2	20	50	25	"	D
Con V	"	E. Sucke	"	June 1, 1967	6 1/2	15	35	32	"	D
Con VI	"	J. Ryckmanus	"	May 5, 1966	6 1/2	16	32	35	"	D
Con VI	"	J. North	"	July 14, 1964	5	16	30	28	"	D
Con VI	"	M. Lampman	"	Nov. 9, 1964	6 1/2	16	35	29	"	S
Con VI	"	W. Marshall	"	Nov. 30, 1966	6 1/2	14	27	25	"	S
Con VII	"	D. Wilson	"	Oct. 6, 1966	6 1/2	16	44	40	"	D
Con VII	"	H. McGroot	"	Nov. 9, 1964	6 1/2	10	22	20	"	S
Con VII	"	G. McGollum	"	Nov. 1, 1965	6 1/2	10	20	10	"	S
Con VII	"	J. Madarass	"	June 2, 1964	6 1/2	10	25	20	"	S
Con VII	"	J. Blechinger	"	Feb. 26, 1965	6 1/2	10	25	20	Sulphur	D





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations entered below the surface are given in feet)
LINCOLN COUNTY - cont. Clinton Twp. - cont.										
Con IV lot 23	T.Procyszyn	W.Field & Son	July 3, 1965	8	20	65	26	Fresh	Ir	Brown clay gravel 17; white limestone 55; blue rock 78. Water at 22 and 65.
Con IV "	"	"	July 14, 1965	8	30	35	5	"	Ir	Brown clay gravel 1; white limestone 30; blue rock 45. Water at 40.
Con IV "	J.Prest	"	Oct. 1, 1965	6 1/2	30	7	5	"	D, S	Brown clay 3; grey limestone 10; white limestone 20; blue limestone 28. Water at 25.
Con IV "	E.Aston	"	July 15, 1967	6 1/2	1 1/2	35	8	"	Ir	Brown clay 6; white limestone 30; blue rock 54. Water from 40 to 50.
Con V "	L.Saxsmith	"	Aug. 5, 1964	6 1/2	20	30	15	"	D	Brown loam 4; limestone 40. Water at 38.
Con V "	M.Zimmicki	S.Merritt	Jan. 11, 1964	6 1/2	10	75	55	"	D	Clay stones 72; Niagara rock 85; limestone 105. Water from 90 to 105.
Con VI "	V.Thornboro	W.Field & Son	Jan. 15, 1967	6 1/2	1 1/2	98	18	"	S	Brown sandy clay stones 16; white limestone 40; blue rock 100. Water at 55.
Con VI "	J.McMillan	P.Merritt	June 24, 1967	6 1/2	5	50	15	"	D	Brown clay 36; grey limestone 56. Water at 54.
Con VI "	J.Liotta	"	June 9, 1964	6 1/2	10	20	8	"	C	Brown clay 8; grey limestone 35. Water at 25 and 32.
Con VI "	G.Polden	"	June 10, 1964	6 1/2	10	20	8	"	D	Brown clay 10; grey limestone 35. Water from 30 to 35.
Con VI "	M.Lysy	"	Nov. 19, 1964	6 1/2	5	25	20	"	D	Brown clay 15; blue clay 18; grey shale 20; grey limestone 30. Water at 25.
Con VI "	A.Hildebrandt	"	Aug. 5, 1965	6 1/2	10	20	12	"	D	Brown clay 4; grey limestone 43. Water at 42.
Con VI "	J.Sawatzky	"	Sep. 22, 1965	6 1/2	10	65	45	"	D	Brown clay 40; blue clay 65; blue clay boulders 79; grey limestone 91. Water from 82 to 90.
Con VI "	F.Hollis	"	Apr. 7, 1966	6 1/2	6	65	25	"	D	Brown clay 25; blue clay 89; grey limestone 101. Water at 91 and 101.
Con VI "	Beausville Poultry Farms Ltd.	S.Merritt	Sep. 28, 1966	6 1/2	15	64	62	"	S	Grey clay 78; Niagara rock 90. Water from 83 to 88.
Con VI "	J.Lieb	"	Oct. 27, 1964	6 1/2	1	140	58	"	"	Clay stones 94; limestone 135; Clinton rock shale 140; Gas at 140; lead plug 130.
Con VI "	Beausville Poultry Farm	P.Merritt	June 8, 1966	6 1/2	10	80	75	"	S	Blue clay 80; gravel 90; limestone 106. Water at 105.
Con VI "	P.Szasz	S.Merritt	May 28, 1967	6 1/2	8	95	63	"	S	Grey clay 105; shale 106; Niagara rock 118. Water at 112 and 118.
Con VII "	C.Fuhrer	P.Merritt	June 13, 1964	6 1/2	10	25	6	"	D	Brown clay 4; grey limestone 30. Water at 15 and 26.
Con VII "	P.Podwinski	"	May 28, 1965	6 1/2	10	25	18	"	D	Brown clay 18; blue clay gravel 20; limestone 36. Water at 28 and 35.
Con VII "	O.Tallman	W.Field & Son	Oct. 1, 1966	6 1/2	10	40	10	"	C	Loose rock 4; limestone 48. Water at 42.
Con VII "	A.Andersen	S.Merritt	Feb. 5, 1967	6 1/2	7	40	20	"	C	Grey clay 25; grey clay boulders 26; limestone 57. Water at 38 and 57.
Con VII "	S.Banas	"	Oct. 14, 1967	6 1/2	12	32	20	"	S	Grey clay 30; Niagara rock 45. Water from 33 to 44.
Con VII "	J.Patsatzis	W.Field & Son	Nov. 13, 1964	6 1/2	10	40	24	"	S	Blue clay 30; stones gravel 32; rock 67. Water at 60.
Con VII "	G.Zois	P.Merritt	Jan. 0, 1965	6 1/2	10	40	22	"	D	Blue clay 7; grey limestone 50. Water at 48.
Con VII "	J.Lieb	S.Merritt	Oct. 18, 1962	6 1/2	15	48	35	"	D	Clay 83; Niagara rock 86. Water at 86.
Con VII "	J.Patsatzis	W.Field & Son	Nov. 2, 1966	6 1/2	10	80	40	"	D	Blue clay 87; coarse gravel 89; limestone 100. Water at 87 and 98.
Con VII "	W.Kucharik	P.Merritt	Dec. 29, 1965	6 1/2	2	90	25	"	S	Blue clay 70; grey limestone 102. Water at 75.
Con VII "	Clinton Farms Ltd.	S.Merritt	June 10, 1964	6 1/2	16	32	14	"	S	Clay 2; Niagara rock 48. Water at 38 and 48.
Con VII "	"	"	July 10, 1964	6 1/2	16	16	15	"	S	Clay 1; Niagara rock 55. Water at 50.

## LINCOLN COUNTY - cont.

LINCOLN COUNTY - cont.	Clinton Twp. - cont.	lot 20	Clinton Farms Ltd.	S. Merritt	July 10, 1964	61	16	15	Fresh	S	Clay 1; Niagara rock 55. Water at 50.
Con VIII	"	6	A. Leas	W. Field & Son	Dec. 2, 1964	61	5	26	"	D, S	Brown clay 10; blue clay 22; rock 54. Water at 45.
Con VIII	"	7	F. Pielacki	S. Merritt	Mar. 16, 1967	61	16	19	"	S	Clay 12; shale 14; Niagara rock 55. Water from 40 to 55.
Con VIII	"	18	Lincoln Farms Ltd.	"	Sep. 27, 1966	61	16	14	"	D	Clay 14; shale 16; Niagara rock 34. Water from 28 to 34.
Con VIII	"	18	P. Franklin	W. Field & Son	June 19, 1965	61	40	24	"	D	Brown clay 10; blue clay 18; limestone 35. Water at 30.
Con IX	"	10	V. Thornborrow	S. Merritt	Aug. 14, 1967	61	15	30	"	D	Grey clay 40; grey Niagara rock 74. Water at 45, 60 and 74.
Con IX	"	13	J. Vanbenthem	W. Field & Son	Sep. 15, 1967	6	10	16	"	S	Brown blue clay 2; large stones 38; limestone 49. Water at 40.
Con IX	"	16	O. A. Hipwell	"	Apr. 11, 1966	6	10	6	"	D, S	Loose rock 6; limestone 66. Water at 45.
Con IX	"	16	O. A. Hipwell	F. Merritt	Sep. 12, 1966	61	5	22	"	D	Brown clay 15; blue clay 24; grey limestone 40. Water at 38.
Con IX	"	18	Lincoln Farms	S. Merritt	Oct. 15, 1965	6	12	20	"	S	Grey clay 21; Niagara rock 40. Water from 32 to 40.
Con X	"	1	Walnut Crest Farms Ltd.	W. Field & Son	Sep. 15, 1967	61	20	40	"	S	Brown clay 8; clay sand gravel 15; blue clay 33; stones 35; white limestone 65; blue rock 70; white limestone 80. Water at 68.
Con X	"	15	Fleming Farms Ltd.	"	July 30, 1965	61	10	27	"	D, S	Brown clay 3; blue clay 20; blue clay stones 21; limestone 70. Water at 62.
Gainsborough Twp.											
Con I	lot 17	17	K. Stokes	S. Merritt	Aug. 18, 1967	61	16	10	4	D, S	Grey clay 96; gravel 98; grey shale 100. Water at 100.
Con II	lot 15	15	S. Bellak	P. Merritt	May 27, 1964	61	10	30	15	S	Blue clay 11; grey shale 113. Water at 113.
Con III	"	8	L. Bellak	S. Merritt	Sep. 4, 1967	61	16	25	"	S	Grey clay 65; grey clay gravel 80; sand 81; hardpan 82. Water at 82.
Con III	"	11	"	P. Merritt	Aug. 24, 1965	61	10	35	25	S	Brown clay 30; blue clay 94; grey shale 95. Water at 95.
Con III	"	13	G. Katsoulis	"	July 27, 1966	61	10	20	20	S	Blue clay 102; limestone 113. Water at 113.
Con III	"	15	R. Wright	"	May 5, 1967	61	10	40	32	D, S	Brown clay 103; grey limestone 114. Water at 108 and 114.
Con III	"	20	A. Borsdyn	S. Merritt	Dec. 26, 1967	61	16	35	30	D, S	Clay 95; clay gravel 108; gravel 111. Water at 111.
Con IV	"	2	F. Seicklo	"	July 20, 1967	61	21	80	35	S	Grey clay 67; boulders grey clay 93; Niagara rock 140. Water from 98 to 120.
Con IV	"	11	J. Hall	P. Merritt	Jan. 11, 1964	61	10	30	25	C	Blue clay 90; blue shale 93. Water at 93.
Con IV	"	12	Gainsboro School Area #1	"	Mar. 21, 1964	6	10	35	26	P	Blue clay 87; grey clay 90. Water from 87 to 90.
Con IV	"	13	A. Kozesal	"	Aug. 12, 1965	61	10	25	22	S	Blue clay 90; clay gravel 97; hardpan shale 100. Water at 100.
Con IV	"	14	A. & S. Nijedlik	S. Merritt	July 13, 1964	61	16	28	27	S	Grey clay 94; boulders shale 100; Niagara rock 105. Water at 102.
Con IV	"	16	O. Sarantakos	"	Sep. 28, 1964	61	16	32	30	S	Blue clay 95; Niagara rock 103. Water from 99 to 103.
Con IV	"	18	J. Skidas	P. Merritt	July 20, 1966	61	10	25	22	S	Brown clay 30; blue clay 102; grey limestone 107. Water at 106.
Con IV	"	20	R. Morris	S. Merritt	Dec. 20, 1965	61	16	28	27	S	Clay 98; clay gravel 106; Niagara rock 113. Water at 113.
Con IV	"	21	P. Xaromich	"	Oct. 19, 1967	61	16	38	28	S	Grey clay 80; grey clay gravel 110; gravel sand 113. Water at 113.
Con IV	"	24	D. Hipwell	"	Dec. 5, 1967	61	16	25	20	D	Clay 20; quicksand 45; clay stones 83; hardpan shale 85. Water at 85.
Con IV	"	25	T. VanMarium	"	Sep. 1, 1967	61	16	35	30	D	Grey clay 20; quicksand clay 123; grey shale 125. Water at 125.
Con IV	"	27	P. Berger	P. Merritt	Nov. 25, 1966	61	2	45	22	D	Bed sand gravel 42; red shale 60. Water at 55.
Con V	"	3	M. Fortune	"	Oct. 21, 1964	61	10	30	22	D	Brown clay 18; red quicksand 87; red gravel 97; grey limestone 107. Water at 106.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *	
											(Depths to which formations extend below the surface are given in feet)	
LINCOLN COUNTY - cont.												
Gainsborough Twp.-cont.												
Con V	lot 4	K. Fisher	F. Merritt	June 29, 1967	6 1/2	5	30	20	Fresh	D, S	Brown clay 20; blue clay 45; red clay gravel 51; grey limestone 67. Water at 65.	
Con V	" 5	B. Hager	"	Sep. 4, 1965	6 1/2	10	35	30	"	D, S	Blue clay 44; grey limestone 55. Water at 54.	
Con V	" 20	S. Deno	"	Nov. 19, 1964	6 1/2	10	41	38	"	D, S	Brown clay 15; blue clay 59; blue shale 61. Water at 61.	
Con V	" 22	P. Salverda	"	Aug. 1, 1965	6 1/2	10	30	25	"	D, S	Brown clay 40; blue clay 54; grey limestone 55. Water at 54.	
Con V	" 28	J. Rathway	"	June 7, 1967	6 1/2	10	35	25	"	D, S	Brown clay 30; blue clay 48; grey limestone 46. Water at 45.	
Con V	" 33	G. Wilton	"	Dec. 8, 1965	6 1/2	10	30	25	"	D, S	Blue clay 8; gravel 86. Water at 86.	
Con VI	" 2	R. Waki	S. Merritt	May 7, 1964	6 1/2	10	35	17	"	D, S	Clay 2; shale 40; Niagara rock 64. Water at 42 and 64.	
Con VI	" 2	J. Garrett	G. Wallis	Dec. 8, 1965	6 1/2	3 1/2	25	12	"	D	Brown clay 3; brown clay gravel large sists 12; limestone 31. Water at 29.	
Con VI	"	"	"	Sep. 21, 1966	6 1/2	18	21	14	"	D	Grey limestone 35. Water at 33.	
Con VI	"	W. Leide	W. Field & Son	Oct. 11, 1966	6 1/2	2	46	18	"	D	Blue clay 30; limestone 48. Water at 45.	
Con VI	"	S. Penton	S. Merritt	May 18, 1967	6 1/2	8	40	22	"	D	Grey clay 23; shale 25; Niagara rock 50. Water from 38 to 50.	
Con VI	"	H. Blenkhorn	W. Lounsbury & Sons	Nov. 27, 1964	6 1/2	12	50	32	"	D, S	Soft brown clay 15; soft blue clay 61; coarse gravel 61; limestone 62. Water at 62.	
Con VI	"	J. Young	S. Merritt	June 10, 1965	6 1/2	10	30	2	"	D	Grey clay 26; shale 28; Niagara rock 42. Water from 30 to 40.	
Con VI	"	C. Freer	W. Field & Son	Nov. 2, 1967	6 1/2	30	60	38	"	D, S	Brown blue clay 50; dark clay gravel 54; limestone 72. Water at 58 and 70.	
Con VI	"	P. Fearn	F. Merritt	Sep. 28, 1964	6 1/2	10	38	32	"	D	Blue clay 40; grey limestone 48. Water at 48.	
Con VI	"	N. McIntosh	S. Merritt	June 7, 1966	6 1/2	16	38	35	"	D	Grey clay 42; grey shale 43; Niagara rock 51. Water at 51.	
Con VI	"	H. VanBargen	"	June 20, 1967	6 1/2	8	30	15	"	D	Grey clay 8; limestone 40. Water at 28.	
Con VI	"	A. Snyder	W. Field & Son	Jan. 10, 1964	6 1/2	10	50	24	"	D, S	Brown clay 6; blue clay 16; rock 20; rock cavity loam sand stones 30; brown rock 50; grey rock 60. Water at 40 and 56.	
Con VI	"	D. Muir	F. Merritt	June 21, 1966	6 1/2	10	25	22	"	D	Brown clay 26; limestone 53. Water at 50.	
Con VI	"	T. Richards	S. Merritt	Aug. 24, 1966	6 1/2	10	28	20	"	D	Grey clay 28; Niagara rock 35. Water at 35.	
Con VI	"	T. Koroneos	"	Apr. 27, 1966	6 1/2	16	24	20	"	S	Grey clay boulders 38; Niagara rock 40. Water at 40.	
Con VI	"	A. Wirth	F. Merritt	Apr. 20, 1966	6 1/2	10	25	20	"	D	Brown clay 27; blue clay 41; shale 43. Water at 43.	
Louth Twp.												
EP	lot 2	R. Prince	W. Lounsbury & Sons	Sep. 21, 1964	6 1/2	2 1/2	80	33	Fresh	D	Fine red sand 22; blue clay 45; hardpan 60; red Medina rock 80. Water at 80.	
EP	" 3	J. Bekker & Sons	"	Aug. 11, 1966	6 1/2	5	83	19	"	Ir	Red sandy loam 5; blue clay 25; grey sand 30; soft blue clay 47; hardpan 5; red Medina rock 83. Water at 72.	
EP	" 6	G. Newman	"	July 22, 1966	6 1/2	2	70	29	"	D	Red sandy loam 8; hard brown clay 10; soft blue clay 40; hard blue clay 45; red hardpan 50; red Medina rock 78. Water at 76.	
EP	" 9	C. Howard	W. Field & Son	June 8, 1964	6 1/2	10	78	40	"	D	Blue clay 10; fine brown sand 50; blue clay 75; medium gravel 85. Water at 75.	
EP	" 11	J. Roberts	W. Lounsbury & Sons	Feb. 23, 1967	6 1/2	1	100	47	"	D	Fine red sand 18; soft clay 84; grey hardpan 94; red hardpan 100; red Medina rock 110. Water at 110.	
EP	" 14	A. Kucheruk	"	May 19, 1967	6 1/2	8	110	55	"	Ir	Fine red sand 17; soft blue clay 11; red shale 11; sandy clay 120; red Medina rock 122. Water at 120.	
EP	" 15	S. Price	"	Aug. 18, 1965	6 1/2	10	100	58	"	D, S	Fine sandy topsoil 6; soft clay 84; hard clay 110; fine gravel 113. Water at 113.	
EP	" 15	G. Motz	"	Aug. 15, 1967	6 1/2	5	110	58	"	D	Sandy loam 6; sandy blue clay 30; soft blue clay 120; fine red sand 130; fine sand gravel 135. Water at 135.	
EP	" 17	British American Oil Co.	M. J. Wallis	Mar. 29, 1966	6 1/2	2	122	50	"	C	Brown sandy soil 15; grey clay silt 40; grey clay 55; sand red clay 70; gravelly red clay 78; gravelly grey clay 117; broken shale fine sand 117 1/2; red shale 136. Water at 117 1/2.	

LINCOLN COUNTY - cont.  
Louth Twp. - cont.

LINCOLN COUNTY - cont.		Louth Twp. - cont.		Lot 17		G. Wallis		Mar. 31, 1966		6		7		59		50		Fresh		C	
BF	Con I	"	2	S. Kramar	"	2	W. Lounsbury & Sons	June 1, 1966	6 1/2	115	37	"	"	"	"	"	"	"	"	"	Sandy loam 4; soft blue clay 60; sandy blue clay 66; hard blue clay 90; hardpan 104; red Medina rock 115. Water at 115.
	Con I	"	5	W. Esau	"	5	P. Merritt	Jan. 14, 1966	6 1/2	30	12	"	"	"	"	"	"	"	"	"	Brown sand 10; blue clay 60; red clay gravel 87; coarse gravel 90. Water at 89.
	Con I	"	5	H. Susein	"	5	"	July 8, 1967	6 1/2	75	20	"	"	"	"	"	"	"	"	"	Brown sand 10; blue clay 60; red clay gravel 75; red shale 85. Water at 77.
	Con I	"	8	G. Devries	"	8	W. Lounsbury & Sons	June 25, 1967	6 1/2	60	15	"	"	"	"	"	"	"	"	"	Sandy loam 4; soft blue clay 78; heaving sand coarse gravel 88. Water at 88.
	Con I	"	16	Ont. Dept. of Agriculture	"	16	"	Aug. 16, 1966	6 1/2	159	48	"	"	"	"	"	"	"	"	"	Red sandy topsoil 5; soft brown clay 14; soft blue clay 90; sandy blue clay 130; sandy blue clay small coarse gravel 140; fine grey heaving sand small coarse gravel 150; red Medina rock 159. Water at 150.
	Con I	"	17	J. Furedi	"	17	W. Field & Son	Nov. 2, 1964	6 1/2	5	125	50	"	"	"	"	"	"	"	"	Brown sand 10; blue clay stones 120; sand gravel 130. Water at 125.
	Con I	"	17	Can. Dept. of Agriculture	"	17	W. Lounsbury & Sons	Sep. 23, 1966	6 1/2	1	144	51	"	"	"	"	"	"	"	"	Sandy topsoil 12; soft blue clay 90; hard blue clay 103; soft sandy blue clay 116; fine heaving grey sand small stones 130; fine heaving grey sand 140; red Medina rock 144. Water at 140.
	Con I	"	17	O. Jurisson	"	17	"	June 20, 1967	6 1/2	1	115	44	"	"	"	"	"	"	"	"	Soft blue clay 107; red sand 113; red shale stones 116. Water at 113.
	Con II	"	1	B. Hall	"	1	"	June 7, 1965	6 1/2	1	64	43	"	"	"	"	"	"	"	"	Hard clay 17; soft clay 66; coarse gravel 74; fine gravel 78; coarse gravel 80. Water at 78.
	Con II	"	3	H. Janzen	"	3	"	July 8, 1966	6 1/2	16	60	14	"	"	"	"	"	"	"	"	Sandy loam 5; brown clay 15; soft blue clay 70; hard blue clay 89; sand coarse gravel 91. Water at 91.
	Con II	"	3	O. Jurisson	"	3	"	May 25, 1966	6 1/2	16	87	20	"	"	"	"	"	"	"	"	Brown sandy loam 6; soft blue clay 68; sandy blue clay 87; small coarse gravel. Water at 87.
	Con II	"	3	A. Meanburger	"	3	S. Merritt	Apr. 18, 1967	6 1/2	25	109	35	"	"	"	"	"	"	"	"	Clay sand 80; packed red sand 92; red shale 109. Water at 106.
	Con II	"	3	L. Helt	"	3	"	Nov. 4, 1967	6 1/2	108	35	"	"	"	"	"	"	"	"	"	Grey clay 80; gravel clay 92; red shale 108. Water at 96.
	Con II	"	4	I. Crown	"	4	P. Merritt	May 24, 1965	6 1/2	3	75	15	"	"	"	"	"	"	"	"	Brown clay 5; brown sand 9; blue clay 30; red gravel clay 75; red gravel 80; red shale 96. Water at 91.
	Con II	"	5	J. Braun	"	5	W. Lounsbury & Sons	Aug. 31, 1964	6 1/2	8	80	15	"	"	"	"	"	"	"	"	Sand loam 9; blue clay 93; fine sand gravel 95; sandy blue clay 106; fine gravel 107. Water at 107.
	Con II	"	5	E. Breitkreuz	"	5	P. Merritt	Apr. 11, 1966	6 1/2	10	25	15	"	"	"	"	"	"	"	"	Brown clay 30; red sand 60; red gravel 94; red gravel 96. Water at 96.
	Con II	"	6	D. Past	"	6	"	May 12, 1966	6 1/2	10	15	10	"	"	"	"	"	"	"	"	Red sandy loam 60; red gravel 78; gravel 82. Water at 82.
	Con II	"	8	G. Lawson	"	8	W. Lounsbury & Sons	Oct. 25, 1964	6 1/2	8	85	33	"	"	"	"	"	"	"	"	Fine red sand 8; soft blue clay 68; hard blue clay 75; red hardpan 83; red Medina shale 88. Water at 88.
	Con II	"	8	D. Boese	"	8	"	Nov. 2, 1964	6 1/2	1	80	50	"	"	"	"	"	"	"	"	Hard brown clay 22; blue clay 60; hard blue clay 68; red hardpan 76; red Medina rock 89. Water at 87.
	Con II	"	12	P. Kuhn	"	12	"	Apr. 30, 1964	6 1/2	5	80	58	"	"	"	"	"	"	"	"	Sandy loam 4; hard brown clay 18; blue clay 92; coarse gravel 93. Water at 93.
	Con II	"	13	G. Proctor	"	13	"	June 20, 1964	6 1/2	6	80	44	"	"	"	"	"	"	"	"	Sandy loam 5; blue clay 86; hardpan 94; blue clay 112; hardpan 119 red Medina rock 122. Water at 120.
	Con II	"	13	W. Helmer	"	13	S. Merritt	Apr. 14, 1966	6 1/2	2	125	45	"	"	"	"	"	"	"	"	Clay sand 85; stones gravel 118; red shale 125. Water at 123.
	Con II	"	20	P. Froeker	"	20	W. Lounsbury & Sons	May 1, 1967	6 1/2	2	100	42	"	"	"	"	"	"	"	"	Hard clay 78; red hardpan 86; red Medina rock 105. Water at 100.
	Con III	"	1	L. Vottero	"	1	S. Merritt	July 26, 1966	6 1/2	5	65	35	"	"	"	"	"	"	"	"	Grey clay 70; sand clay 83; sand 85. Water at 85.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)									
LINCOLN COUNTY - cont.									
Louth Twp. - cont.									
Con III lot 2	J. Fast	W. Field & Son	Oct. 16, 1965	6 1/2	1	105	40	D	Gravel loam 15; blue clay 70; fine sand 80; red clay shale 90; red shale gravel 105. Water at 100.
Con III	E. Roseman	W. Lounsbury & Sons	June 8, 1965	6 1/2	20	60	Flow	Ir	Soft brown clay 15; soft blue clay 61; sandy blue clay 85; small coarse gravel 86. Water at 86.
Con III	H. VanKoevringe	"	July 10, 1964	6 1/2	3	70	15	C	Sandy gravel 6; blue clay 80; sandy blue clay 100; fine coarse sand 101. Water at 101.
Con III	C. Paulin	W. Field & Son	July 14, 1966	6 1/2	10	34	24	"	Gravel sand 5; blue clay 80; soft sandy blue clay 90; brown hardpan 93. Water at 103.
Con III	E. DeVries	W. Lounsbury & Sons	Sept. 25, 1964	6 1/2	11 1/2	78	33	D	Gravel sand 5; blue clay 14; soft blue clay 79; hard clay small stones 92; red hardpan 93. Water at 93.
Con III	P. Funk	"	Apr. 2, 1964	6 1/2	4	100	49	D, S	Sandy loam; blue clay 90; hardpan 107; red Medina rock 108. Water at 107.
Con III	S. Merritt	"	Apr. 14, 1967	6 1/2	10	75	60	"	Clay 80; clay, packed sand 102; red shale 105. Water at 105.
Con III	W. Field & Son	"	Dec. 26, 1967	6 1/2	5	120	52	"	Brown sandy loam 10; brown clay 30; blue clay gravel 120; red shale gravel 132. Water at 128.
Con IV	S. Merritt	"	May 14, 1965	6 1/2	4	75	35	"	Clay 8; clay gravel 87; clay 124; red clay 134; red shale 160. Water at 87.
Con IV	W. Field & Son	"	Sept. 23, 1966	6 1/2	4	125	45	"	Dark sand 10; blue clay 120; red shale 140. Water at 130.
Con V	W. Eiler	P. Merritt	July 29, 1967	6 1/2	10	75	60	"	Brown clay 20; blue clay 16; sand gravel 170. Water at 170.
Con V	D. Saunders	W. Lounsbury & Sons	June 30, 1967	6 1/2	16	80	30	"	Soft blue clay 140; sandy blue clay 142; red Medina rock 146. Water at 142.
Con V	J. Penner	W. Field & Son	Apr. 15, 1964	6 1/2	1	135	45	"	Blue clay 70; boulders stones 73; dark clay stones 80; soft red shale 89; soft red shale 135. Water at 85.
Con V	"	"	May 8, 1964	6 1/2	2	85	40	"	Blue clay 80; fine gravel 84; red shale 100. Water too hard. Water at 80.
Con V	"	W. Lounsbury & Sons	May 13, 1964	6 1/2	1 1/2	80	38	"	Sandy loam 3; soft blue clay 64; hard blue clay 80; small coarse gravel 81. Water at 81.
Con VI	Niagara Peninsula Conservation Authority	"	Mar. 2, 1964	7	1	55	12 1/2	"	Topsoil stones 8; soft clay 13; gravel shale 18; limestone 46; red shale 51; limestone 58. Water at 55.
Con VI	P. Sider	P. Merritt	May 20, 1966	6 1/2	2	45	14	"	Brown clay 3; grey limestone 50. Water from 15 to 45.
Con VI	W. Gambeau	"	Sept. 19, 1967	6 1/2	5	30	12	"	Brown clay 15; blue clay 16; grey limestone 46. Water at 35.
Con VI	E. Izard	"	Sept. 16, 1967	6 1/2	1	75	30	"	Brown loam 6; blue clay 42; grey limestone 80. Water at 60 and 65.
Con VI	H. Rampel	"	Sept. 23, 1967	6 1/2	10	40	30	"	Brown clay 20; blue clay 32; grey limestone 57. Water at 40 and 55.
Con VI	Niagara Gen. Com. Auth.	W. Lounsbury & Sons	Sept. 11, 1965	6 1/2	1 1/2	100	77	"	Hard brown clay 42; limestone 100. Water at 100.
Con VIII	Dr. J. Wilson	"	Oct. 10, 1964	8	90	154	64	"	Hard brown clay 18; soft blue clay 188; heavy gravel 229; coarse gravel 243. Water from 233 to 243.
Con VIII	E. Gretzinger	S. Merritt	June 4, 1965	6 1/2	1 1/2	160	75	"	Grey clay 60; grey clay quicksand 156; sand gravel 159; quicksand 264; sand gravel silt 266; red shale 273. Water at 158, and 266 to 273.
Con VIII	J. Larson	P. Merritt	July 11, 1964	6 1/2	2	80	30	"	Blue clay 70; grey shale 85. Water at 75.
Con VIII	C. Lockyer	W. Field & Son	June 24, 1964	6 1/2	1	70	39	"	Brown clay 14; grey limestone 70. Water at 60.
Con VIII	D. Hallet	P. Merritt	July 21, 1965	6 1/2	10	15	12	"	Brown clay 30; blue clay 32; grey shale 34; grey limestone 35. Water at 35.



LINCOLN COUNTY -- cont.  
Niagara Twp.

lot 11	Niagara Builders Ltd.	W. Lounsberry & Sons	May 12, 1967	64	1	75	14	"	D	Fine red sand 16; soft blue clay 46; red hardpan 50; red Medina rock 77. Water at 75.
" 20	N. Komandanski	F. Merritt	Oct. 24, 1964	64	10	30	20	"	D	Brown clay gravel 15; sand 18; red gravel 22; blue clay 60; red gravel 14; blue gravel 66. Water from 64 to 66.
" 26	W. Franken	W. Lounsberry & Sons	Oct. 28, 1965	64	16	55	9	"	D	Sandy loam 6; blue gravel 66. Water from 64 to 66.
" 30	T. Vandelaar	"	Aug. 25, 1966	64	5	70	10	"	D	Hard brown clay 1; sandy loam 6; soft brown clay 60; red hardpan 70; red Medina rock 79. Water at 70.
" 31	J. Marynissen	"	Aug. 13, 1966	64	1	85	13	"	S	Hard brown clay 17; soft blue clay 51; red hardpan 64; red Medina rock 89. Water at 77.
" 36	F. Finella	F. Merritt	July 13, 1964	64	2	85	25	"	D	Brown clay 30; blue clay 65; red gravel 68; red shale 87. Water at 85.
" 37	G. Fraser	W. Lounsberry & Sons	Oct. 18, 1965	64	1	80	21	Mineral	D	Sandy loam 8; soft blue clay 66; fine red sand 70; fine grey sand 71; red hardpan 72; red Medina rock 90. Water at 90.
" 39	W. McCook	F. Merritt	Nov. 8, 1966	64	1	55	10	Fresh	D	Red clay 22; red shale 71. Water at 68.
" 52	G. Coss	W. Lounsberry & Sons	May 16, 1966	64	5	52	Floors	"	D	Hard clay 10; soft blue clay 44; sandy blue clay 52; red Medina rock 54. Water at 54.
" 52	S. Zuk	F. Merritt	Nov. 25, 1966	64	10	10	"	"	D	Blue clay 50; red gravel 53. Water at 53.
" 61	Niagara Twp.	International Water Supply Ltd.	Nov. 3, 1964	64	1	10	"	"	T	Brown clay 14; grey clay 44; red grey clay gravel hard packed 55; red clay 58; red grey shale 96. Dry hole.
" 62	L. Jenney	F. Merritt	Mar. 29, 1965	64	2	75	6	"	7-64	Red clay 33; quicksand 60; red gravel 60; red shale 83. Water at 68.
" 62	L. Stuzka	W. Lounsberry & Sons	Oct. 11, 1966	64	1	75	9	"	D	Sandy loam 3; hard brown clay 12; soft blue clay 52; red hardpan 65; red Medina rock 75. Water at 70.
" 67	G. Hummel	F. Merritt	July 5, 1965	64	3	70	10	"	D	Brown clay gravel 60; red gravel 70; red shale 74. Water at 73.
" 75	Niagara Twp.	International Water Supply Ltd.	Oct. 30, 1964	64	3	70	10	"	6-64	Brown clay gravel 11; grey red clay 45; fine sand gravel 49; red grey clay gravel streaks 60; fine sand silt fine gravel 84; red clay 87; red blue shale. Dry hole.
" 75	"	"	Oct. 20, 1964	64	1	75	9	"	T	Brown grey clay 11; fine sand fine gravel clay 20; blue red clay gravel 22; fine silty sand clay 53; fine sand clay gravel streak 60; red clay gravel streak 68; red shale limestone streak 85.
" 75	"	"	Oct. 21, 1964	64	1	75	9	"	T	Brown grey clay 11; blue clay 48; fine sand silt clay 55; blue red clay 58; fine sand silt clay streak 74; red blue shale 96.
" 75	"	"	Oct. 23, 1964	2	12	12	12	Salty	3-64	Brown clay gravel 10; grey clay 42; fine gravel sand 56; coarse gravel boulders sand 60; grey red clay 65; sand fine sand silt 81; red blue shale 85. Water at 42.
" 75	"	"	Oct. 28, 1964	2	33	34	13	Salty	4-64	Brown clay gravel 13; grey clay gravel 34; brown clay gravel 47; gravel sand clay streaked 54; red clay hard gravel 61; gravel sand boulders clay 85; red blue shale 90. Water at 61.
" 75	"	"	Oct. 29, 1964	64	1	75	9	"	T	Brown clay gravel 14; grey clay gravel 26; grey clay silt streak 46; gravel sand clay 55; red grey clay gravel streak 68; fine sand streak silt clay 80; red blue shale 85.
" 75	G. Enns	F. Merritt	Oct. 12, 1967	64	10	50	15	Fresh	D, S	Brown clay 20; blue clay gravel 45; red quicksand 58; gravel 62. Water at 61.
lot 76	J. Maziarz	F. Merritt	June 25, 1966	64	10	25	18	Fresh	D	Red clay gravel 75; sand 82. Water at 82.
" 76	"	"	June 2, 1967	64	1	65	15	"	D	Red sandy clay 40; red quicksand 65; red gravel clay 69; red shale 75. Water at 74.
" 82	P. Jansen	W. Lounsberry & Sons	Jan. 20, 1964	7	1	50	27	"	D	Soft clay 31; red hardpan 37; red shale 52. Water at 52.
" 85	Niagara Twp.	International Water Supply Ltd.	Nov. 5, 1964	2	30	27	1	"	T	Brown grey clay 10; grey clay 55; brown hard clay 60; silt 68; brown clay sandy hard 73; sand fine sand gravel streaks 88; shale. Water at 73.
" 85	"	"	Nov. 6, 1964	2	2	27	1	"	T	Brown clay 11; grey clay 55; red grey hard clay 61; silty clay 63; red grey clay hard 74; gravel sand boulders streaked 89; shale 90. Water at 74.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
LINCOLN COUNTY - cont.										
Niagara Twp. - cont.										
lot 85	Niagara Twp.	International Water Supply Ltd.	Nov.10,1964	2			Flows	Fresh	T	Brown clay 11;grey sticky clay 56;sandy red hard clay 70; fine sand slit; fine gravel 92;shale 93. Water at 70.
" 85	A.Costanza	W.Lounsberry&Sons	Dec. 9,1966	6 1/2	11	60	13	"	D	Hard clay 12;red sand 38;blue clay 42;red hardpan 48;red Medina rock 65. Water at 85.
" 101	A.Schachowskoj	"	Oct. 3,1966	6 1/2			30	Salty	D	Hard brown clay 4;soft blue clay 35;red hardpan 39;red Medina rock 58. Water at 58.
" 111	C.Parent	"	Oct.14,1966	6 1/2	6	66	13	Fresh	D	Sandy loam 5;hard brown clay 10;soft blue clay 50;small stones hard blue clay 56;fine red sand Gravel 66;red Medina rock 67. Water at 66.
" 127	E.Fitz	"	July18,1966	6 1/2	6 1/2	57	9	"	D	Hard brown clay 5;soft brown clay 25;soft blue clay 40;red hardpan 47;red Medina rock 57. Water at 55.
" 139	E.Cornell	W.Field & Son	May 1,1967	6 1/2	3	35	10	"	D	Clay stones 17;limestone 46. Water at 40.
" 139	P.Damside	"	May 9,1967	6 1/2	4	40	8	"	D	Loose stones 10;limestone 50. Water at 40.
" 141	S.Lament	W.Lounsberry&Sons	Jan.22,1964	7	20	95	79	"	D	Hard clay 18;soft clay 38;red sand 84;red hardpan 88;red shale 112. Water at 112.
" 142	D.D'Amours	"	Feb. 5,1965	6 1/2	3	108	84	"	D	Hard brown clay 18;hard red sand 48;soft red sand 94;red Medina rock 119. Water at 119.
" 145	P.Schrubber	F.Merritt	Oct.8,1965	6 1/2	1	75	15	Salty	D,S	Brown clay 10;red clay gravel 30;red shale 90. Water at 85.
" 148	D.O'Sullivan	"	July 1,1967	6 1/2	10	15	5	Fresh	D	Red clay 6;red shale 28. Water at 26.
" 153	R.Snider	W.Lounsberry&Sons	Sep.10,1964	6 1/2	1	1	15	"	D	Hard brown clay 18;blue clay 69;fine sand coarse gravel 90; red Medina rock 93. Water at 90.
" 155	H.Wiens	"	Nov.24,1966	6 1/2	8	50	7	"	S	Hard stony clay 34;sandy clay 52;fine sand 58;coarse gravel 60. Water at 58.
" 157	W.Penner	"	June26,1965	6 1/2	20	20	3	"	D	Hard brown clay stones 21;fine sand 32;small uniform gravel 34. Water at 34.
" 160	G.Stevens	"	June 2,1967	6 1/2	3	40	13	"	D	Red sand 18;grey sand 47;red hardpan 49;red Medina rock 50. Water at 49.
" 161	J.Falk	W.Field & Son	May13,1966	7	20	30	10	"	D,S	Brown clay 5;blue clay 35;sand gravel 45;blue clay 46. Water at 40.
" 162	E.Hann	F.Merritt	Feb. 5,1964	6 1/2	10	25	15	"	D	Red packed gravel 33;grey gravel 34. Water at 34.
" 162	D.Lambert	W.Lounsberry&Sons	Feb.14,1964	7	2	70	15	"	D	Hard brown clay 18;soft blue clay 38;fine red sand 58;red Medina rock 70. Water at 65.
" 168	C.Duemo	"	Sep. 9,1966	6 1/2	4	80	9	"	D	Sandy loam 10;soft blue clay 44;fine red sand stones 66;fine sand gravel 80;fine red sand 85;red Medina rock 87. Water at 85.
" 169	A.Jentini	"	Aug.13,1964	6 1/2	16	80	12	"	D	Hard brown clay 10;sandy blue clay 60;blue clay 84;fine gravel 85. Water at 85.
" 170	T.Sulatycky	F.Merritt	Jan.11,1966	6 1/2	2	60	20	"	D	Gravelly clay 30;blue clay 75;red gravel 88;red shale 98. Water at 90.
" 174	W.Butsky	W.Lounsberry&Sons	July19,1965	6 1/2	30	30	10 1/2	"	Ir	Soft loam 3;soft blue clay 40;sandy red clay 54;fine sand gravel 72;small coarse uniform gravel 73. Water at 70.
lot 187	K.Ainunmae	W.Lounsberry&Sons	Aug.20,1964	6 1/2	3	60	12	Fresh	D	Sandy loam 12;blue clay 40;grey fine sand 50;red Medina rock 70. Water at 65.
" 187	Niagara Builders	"	Nov.12,1965	6 1/2	3	70	11	"	D	Sandy loam 6;soft blue clay 40;hardpan 48;red Medina rock 74. Water at 70.
" 187	C.Whitelock	"	Aug.30,1966	6 1/2	8	60	12	"	D	Sandy loam 10;soft blue clay 25;soft blue clay stones 30;red hardpan 44;red Medina rock 64. Water at 55.
" 187	W.Loneragan	"	Sep. 2,1966	6 1/2	8	60	12	"	D	Sandy loam 10;soft blue clay 18;blue clay stones 24;blue clay 30;red hardpan 45;red Medina rock 64. Water at 60.
" 187	H.Reschre	W.Field & Son	July13,1967	6 1/2	1	80	18	"	D,S	Brown clay 10;blue clay 30;red shale 82. Water at 50.
" 187	M.Nicholson	"	July19,1967	6 1/2	10	30	18	"	D	Brown clay 20;blue clay stones 40;red shale 64;coarse gravel 68. Water at 64.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
										(Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Niagara Twp. - cont. Formerly Grantham Township - cont.										
PGT Con I	" 5 G.Stevens & A.Champion	P.Merritt	Feb. 3, 1967	6 1/4	55	55	25	Fresh	D	Dog well 18; red clay gravel 56; red shale 60. Water at 44.
PGT Con I	" 5 A. Itherton	"	Feb. 20, 1967	6 1/4	55	55	25	"	D	Red clay gravel 38; red shale 65. Water at 40.
PGT Con I	" 5 P.Oliver	"	Apr. 15, 1967	6 1/4	70	70	30	"	D	Red gravelly clay 32; red shale 72. Water at 34.
PGT Con I	" 5 H.VanDoorn	W.Field & Son	June 28, 1967	6 1/4	69	69	18	"	D	Brown sand 10; blue clay 40; blue clay gravel 44; red shale 68. Water at 60.
PGT Con I	" 6 A.Oakie	W.Lounsbury & Sons	Nov. 14, 1964	6 1/4	6	72	18	"	D	Red sand 24; soft blue clay 36; red hardpan 52; red Medina rock 72. Water at 72.
PGT Con I	" 7 A.Langendoen	"	June 12, 1964	6 1/4	5	70	16	"	D	Sandy loam 18; blue clay 41; sandy blue clay 53; hardpan 56; red Medina rock 70. Water at 68.
PGT Con I	" 7 H.Bakker	"	Nov. 20, 1965	6 1/4	6	60	16	"	In	Sandy loam 8; soft blue clay 45; red hardpan 53; red Medina rock 71. Water at 70.
PGT Con II	" 1 H.Suttor	P.Merritt	Apr. 19, 1967	6 1/4	5	25	15	"	D	Red sandy clay 20; blue clay 35; red shale 57. Water at 56.
PGT Con II	" 1 W.Zabek	"	Aug. 26, 1967	6 1/4	5	30	20	"	D	Brown clay 20; red sand 42; gravel 44. Water at 44.
PGT Con II	" 2 J.Robertson	W.Lounsbury & Sons	Jan. 25, 1967	6 1/4	4	55	12	"	D	Hard clay 3; sandy clay 22; hard clay 28; blue clay 46; fine sand 51; red hardpan 54; red Medina rock 68. Water at 68.
PGT Con II	" 3 H.Watson	"	June 24, 1965	6 1/4	3	65	13	"	D	Hard clay 18; blue clay 35; hardpan 40; red Medina rock 65. Water at 62.
PGT Con II	" 3 E.Pries	P.Merritt	June 24, 1966	6 1/4	10	30	25	"	D	Red sandy loam 62; red shale 71. Water at 64.
PGT Con II	" 3 J.Fraser	"	Aug. 26, 1967	6 1/4	5	30	20	"	D	Brown sand 15; reddish packed sand 45; sand gravel 51. Water from 50 to 51.
PGT Con II	" 3 P.Goertz	"	Aug. 26, 1967	6 1/4	5	60	20	"	D	Brown clay 30; red packed sand 50; soft red shale 65. Water at 65.
PGT Con II	" 8 S.Serielek	"	June 24, 1966	6 1/4	10	25	18	"	D	Red clay gravel 40; red shale 60. Water at 44.
PGT Con II	" 9 I.Jelenic	W.Lounsbury & Sons	Oct. 1, 1964	6 1/4	6	78	22	"	D	Hard brown clay 8; soft red sand 16; soft blue clay 42; hardpan clay 59; red hardpan 67; red shale 78. Water at 78.
PGT Con II	" 9 P.Demudas	"	Nov. 20, 1964	6 1/4	1 1/2	83	18	"	D	Red sand 8; blue clay 44; hard clay 56; hardpan 74; red Medina rock 83. Water at 83.
PGT Con III	" 3 R.Servos	"	Jan. 6, 1967	6 1/4	1	55	16	"	D	Hard clay stones 19; soft clay 34; hard stony clay 56; sandy clay 64; red hardpan 70; red Medina rock 73. Water at 73.
PGT Con III	" 6 O.Jurisson	"	May 15, 1966	6 1/4	1 1/2	91	15	Salty	D	Loam 2; hard clay 25; soft blue clay 56; hardpan 77; red Medina rock 91. Water at 86.
PGT Con IV	" 1 Adapac Poultry Co.Ltd.	"	Aug. 15, 1965	6 1/4	4	65	9	Mineral	D	Soft blue clay 65; sand gravel 67; red Medina rock 69. Water at 67.
PGT Con IV	" 3 F.Stewart	W.Lounsbury & Sons	July 8, 1966	6 1/4	8	50	15	Fresh	D, S	Hard brown clay stones 20; soft blue clay 50; fine red sand 58; fine coarse gravel 62. Water at 62.
PGT Con IV	" 4 R.Tyler	P. Merritt	Oct. 14, 1967	6 1/4	10	25	17	"	D, S	Brown clay 30; blue clay 60; sand gravel 68. Water at 68.
PGT Con IV	" 7 J.Rossetto	W.Lounsbury & Sons	Aug. 25, 1967	6 1/4	16	40	24	"	D	Red sandy loam 25; soft blue clay 71; heavy sand gravel 80. Water at 78.

## LINCOLN COUNTY - cont.

Con II	lot	Dr. C. Odonski	W. Packham	June 17, 1966	61	3	90	45	Fresh	D	Stony clay topsoil 2; shale 5; limestone 45; soft grey shale 65; harder limestone 92. Water at 62.
Con II	"	B. Baradzief	"	Mar. 3, 1965	61	6	60	24	"	D	Sandy loam clay 3; shale rock 5; limestone 65; grey shale 66. Water at 38 and 60.
Con II	"	J. VanHusen	S. Merritt	Aug. 10, 1967	61	2	48	15	"	D	Grey clay 2; grey rock 48. Water from 35 to 46.
Con II	"	J. Gillespie	P. Merritt	Aug. 29, 1966	61	1	35	15	"	D	Brown clay 1; grey limestone 42. Water from 18 to 22.
Con II	"	E. Andrews	"	Oct. 2, 1964	61	1	28	4	"	D	Brown loam 2; grey limestone 30. Water at 15.
Con II	"	B. Miller	"	Feb. 26, 1964	61	2	35	8	"	D	Brown clay 3; grey limestone 10; red shale 35. Water from 20 to 30.
Con II	"	H. Lip	"	Sep. 29, 1965	61	2	30	12	"	D, S	Brown clay 6; grey limestone 10; red shale 38. Water at 22.
Con II	"	N. Wunt	S. Merritt	Nov. 22, 1965	61	2	56	15	"	D	Clay 2; Niagara rock 56. Water at 35.
Con II	"	T. Dobrowsky	G. Wallis	Oct. 1, 1964	61	6	25	17	"	D	Brown clay 9; grey limestone 35. Water at 34.
Con II	"	Shaffer Bros.	S. Merritt	Nov. 8, 1965	61	1	45	18	"	D	Shale 4; Niagara rock 45. Water at 26.
Con II	"	B. VanSteeland	P. Merritt	Aug. 1, 1966	61	10	30	22	Sulphur	D	Grey clay 3; limestone 58. Water at 47.
Con III	"	H. Clark & Son	W. Field & Son	July 6, 1965	61	30	16	8	"	D, S	Blue clay 3; limestone 28. Water at 25.
Con III	"	N. B. Sweet	"	July 7, 1965	61	5	40	14	"	D	Blue clay 1; limestone 25. Water at 22.
Con III	"	C. H. Robertson	S. Merritt	June 17, 1967	61	3	40	14	"	D	Grey clay boulders 10; grey Niagara rock 55. Water from 35 to 50.
Con III	"	G. Ward	"	Nov. 6, 1967	61	12	42	30	"	D	Grey clay loose rock 60. Water from 45 to 58.
Con III	"	Sted Lumber Co	W. Field & Son	June 12, 1967	8	5	34	10	"	D	Loose stone 5; white limestone 30; blue limestone 52. Water at 30.
Con III	"	B. King	P. Merritt	July 22, 1966	61	1	55	30	"	D	Brown clay 7; limestone 60. Water at 45.
Con III	"	L. Fikar	S. Merritt	Oct. 6, 1961	61	14	20	12	"	D	Brown clay 6; limestone 43. Water from 30 to 38.
Con III	"	N. Wyronuk	S. Merritt	Aug. 8, 1965	61	10	25	12	"	D	Brown clay 13; grey limestone 35. Water at 32.
Con III	"	M. Kier	S. Merritt	Jan. 8, 1964	61	1	41	12	"	D	Clay 2; rock 41. Water at 38.
Con III	"	A. Kozth	"	Oct. 10, 1967	61	1	30	30	"	D	Grey clay 27; limestone 42. Water from 38 to 40.
Con III	"	N. Ochoe	P. Merritt	Oct. 1, 1966	61	2	60	35	Sulphur	C	Blue clay 38; grey limestone 72. Water at 55.
Con III	"	W. Palmer	W. Field & Son	Nov. 26, 1966	61	5	45	20	Fresh	D	Dug well 20; limestone 70. Water at 45.
Con III	"	H. Ryckman	G. Wallis	May 28, 1966	61	5	35	18	"	D	Brown clay 14; grey clay 34; grey limestone 39; dark grey limestone 49. Water at 47.
Con III	"	W. Vanderploeg	P. Merritt	Aug. 18, 1967	61	2	40	17	Fresh	D	Brown clay 20; blue clay 26; grey limestone 54. Water at 32.
Con III	"	Vary Equipment	"	July 28, 1964	61	10	45	30	Sulphur	C	Blue clay 20; grey limestone 60. Water at 58.
Con III	"	H. Jeffries	"	Jan. 23, 1965	61	10	20	15	Fresh	D	Blue clay 23; grey limestone 37. Water at 36.
Con III	"	Grimsby Heights Builders	"	Dec. 14, 1965	61	10	25	15	"	D	Brown clay 20; blue clay 25; grey limestone 40. Water from 28 to 39.
Con III	"	C. VanLeeuwen	"	July 31, 1964	61	10	40	30	Sulphur	S	Blue clay 16; grey limestone 60. Water at 58.
Con III	"	H. Jeffries	"	Nov. 11, 1966	61	5	65	38	"	S	Blue clay 38; grey limestone 85. Water at 83.
Con III	"	Grimsby Heights Builders	"	Feb. 13, 1965	61	10	55	45	"	D	Blue clay 28; grey limestone 70. Water at 70 and 35.
Con III	"	Hogeveens Auto Service	"	Dec. 18, 1965	61	1	55	20	"	D	Brown clay 13; grey limestone 68. Water at 25 and 68.
Con III	"	Grimsby Heights Builders Ltd.	"	June 16, 1966	61	5	65	32	Fresh	D	Blue clay 27; limestone 80. Water at 75.
Con III	"	"	"	June 19, 1965	61	5	90	30	"	D	Brown clay 39; grey rock 95. Water at 45 and 85.
Con III	"	"	"	Aug. 24, 1965	61	2	85	45	"	D	Brown clay 35; blue clay 45; grey limestone 101. Water at 65 and 100. Well plugged back to 93 ft. salt at 101.
Con III	"	"	"	Oct. 15, 1965	61	6	65	35	"	D	Brown clay 25; blue clay 32; grey limestone 75. Water at 55.
Con IV	"	C. Lounsbury	"	Aug. 3, 1964	61	8	25	15	"	D	Brown loam 30; grey shale 33. Water from 30 to 33.
Con IV	"	P. Miekusz	"	Sep. 11, 1964	61	10	40	30	"	D	Brown clay 20; blue clay 30; grey limestone 62. Water at 60.
Con IV	"	J. Percius	"	Aug. 10, 1964	61	10	22	10	"	D	Blue clay 3; grey limestone 35. Water at 34.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOGS AND REMARKS *
(Depicts to which formations extend below the surface are given in feet)										
LINCOLN COUNTY - cont.										
N. Grimsby Twp. - cont.										
Con IV	J. Mishko	W. Field & Son	Aug. 14, 1964	7	32	25	12	Fresh	D	Brown clay gravel 10; blue clay gravel 14; stones gravel 16; blue rock 32; grey rock 40. Water at 32.
Con IV	C. Pappas	F. Merritt	Aug. 10, 1967	6 1/2	10	15	8	"	S	Brown clay 4; grey limestone 35. Water at 30 and 35.
Con IV	J. Winchester	K. Field & Son	July 30, 1966	6 1/2	10	16	6	Sulphur	S	Blue clay 16; sandy gravel 18; limestone 21. Water at 21.
Con IV	C. Grimsby Coultry Farm	S. Merritt	Oct. 3, 1966	6 1/2	16	12	10	Fresh	S	Grey clay 20; Niagara rock 40. Water from 32 to 40.
Con IV	I. Rechukow	"	June 2, 1967	6 1/2	5	10	12	"	D	Grey clay 17; shale 19; Niagara rock 40. Water at 33.
Con IV	E. Jeffries	P. Merritt	May 7, 1964	6 1/2	10	20	10	"	S	Blue clay 15; grey limestone 30. Water at 25.
Con IV	E. Brosan	"	June 26, 1965	6 1/2	10	15	10	"	D	Brown clay 18; grey rock 35. Water at 32.
Con IV	J. Jonneveld	"	Sep. 18, 1967	6 1/2	10	15	10	"	D	Blue clay 18; grey limestone 33. Water at 32.
Con IV	E. Jeffries	"	Aug. 4, 1964	6 1/2	5	35	4	"	D	Blue clay 20; grey limestone 40. Water at 35.
Con IV	"	"	Feb. 8, 1965	6 1/2	10	15	4	"	D	Blue clay 21; grey limestone 35. Water at 32.
Con IV	Grimsby Heights Builders	"	Sep. 1, 1966	6 1/2	10	15	6	"	D	Brown clay 14; grey limestone 29. Water at 26.
Con IV	R. McPherson	"	Sep. 14, 1966	6 1/2	10	10	6	"	D	Brown clay 14; grey clay 15; grey limestone 29. Water at 28.
Con IV	E. Jeffries	"	July 31, 1967	6 1/2	10	10	6	"	D	Brown clay 4; blue clay 24; grey limestone 35. Water from 30 to 35.
Con V	A. Batenburg	"	May 19, 1967	6 1/2	5	25	4	"	D	Brown clay 2; grey limestone 31. Water at 10 and 24.
Con V	L. Sinichko	"	Mar. 15, 1967	6 1/2	10	24	20	"	D	Brown clay 21; grey limestone 35. Water at 34.
Con V	N. Myronuk	S. Merritt	Dec. 4, 1965	6 1/2	12	22	18	"	D	Grey clay 5; Niagara rock 35. Water at 28.
Con V	C. Rusniga	F. Merritt	Sep. 9, 1964	6 1/2	12	15	3	"	D	Blue clay 23; grey shale 28. Water at 33.
Con V	A. Rintjema	"	Mar. 1, 1966	6 1/2	20	4	Flows	"	D	Brown clay 34; grey limestone 41. Water from 33 to 41.
Con V	E. Rintjema	"	Feb. 29, 1966	6 1/2	16	4	1	"	D	Brown clay 34; grey limestone 41. Water at 36 and 41.
Con V	A. Rintjema	S. Merritt	May 29, 1967	6 1/2	10	4	1	"	D	Clay 26; shale 28; rock 30. Water at 30.
Con V	K. Wilcox	"	Nov. 10, 1966	6 1/2	5	10	8	"	D	Blue clay 20; shale 21. Water at 21.
Con VI	R. Santino	F. Merritt & Son	Nov. 16, 1966	6 1/2	30	18	6	"	D, S	Grey clay 1; limestone 27. Water at 22 and 26.
Con VI	B. Hollis	F. Merritt	July 10, 1965	6 1/2	10	25	15	"	S	Brown clay 12; grey shale 14; grey limestone 58. Water at 52.
Con VI	North Grimsby Dump	"	Aug. 18, 1964	6 1/2	10	18	10	"	D	Blue clay 24; grey limestone 53. Water at 32.
Con VI	N. Dochstader	"	June 5, 1967	6 1/2	10	25	20	"	D, S	Brown clay 30; blue clay 42; grey limestone 45. Water at 45.
St. Catharines, City										
H. Werner	W. Lounsbury & Sons	"	Sep. 1, 1964	6 1/2				Salt	B	Hard brown clay 6; blue clay 42; hardpan 44; red Medina rock 70. Water from 44 to 70.
T. Agnew	W. Field & Son	"	Oct. 14, 1964	6	3	70	20	Fresh	D	Brown sand 10; blue clay 50; clay gravel 60; red shale 80. Water at 56.
P. Dennis	"	"	June 8, 1965	6	1	85	30	"	D	Fine sand 20; blue clay 45; clay gravel 60; red shale 85. Water at 70.
I. Jelenic	"	"	Oct. 14, 1967	6 1/2	10	70	22	"	D, S	Brown sand clay 15; blue clay gravel 75; red shale 86. Water at 82.
E. Kitchingman	F. Merritt	"	Nov. 23, 1967	6 1/2	1	75	20	"	D	Brown loam 30; blue clay 65; quicksand 70; red packed gravel 75; red shale 85. Water at 76.



## LINCOLN COUNTY - cont.

[illegible]

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING		STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
					TEST P.M.	LEVEL FEET				
MANITOULIN DISTRICT Allen Twp. Con III Con VIII	lot 17 K. McConnell	D. Wright	May 5, 1966	4	2	45	25	Fresh	D	Red shale 30; greyish limestone 55. Water at 35.
	" 19 A. Armstrong	"	Dec. 21, 1965	4	2	52	30	Sulphur	D	Red clay stones 17; sand gravel 22; red clay 37; grey limestone 52. Water at 44.
	Assignack Twp. Con I	D. Wright	June 1, 1964	4	3	50	32	Fresh	P	Sandy loam 8; brown clay 20; fine sand 60; gravelly clay 75; coarse gravel 77. Water at 77.
	" 22 S. McLennan	"	Apr. 11, 1964	4	6	10	6	"	P	Grey clay limestone 3; grey limestone 23. Water at 20.
	" 37 L. Kerr	"	Sep. 7, 1967	5						Brown clay stones 7; grey limestone 40; limestone shale streaks 57. Dry hole.
	" 38 G. Beatty	"	Nov. 2, 1964	4	2	35	6	Fresh	D	Grey clay boulders 10; limestone 30; limestone shale streaks 36. Water at 22.
	" 38 H. Hall	"	Sep. 11, 1965	4	2	25	5	"	D	Stony clay 10; grey limestone 25. Water at 20.
	" 38 J. Hembruff	"	Aug. 3, 1966	4	1 1/2	30	12	"	D	Dug well 10; grey limestone 31. Water at 25.
	" 39 C. Beatty	"	May 15, 1967	5						Blue clay stones 16; grey limestone 35; blue limestone shale 85. Dry hole.
	" 40 G. Bowerman	"	Sep. 26, 1966	4	1	30	6	Fresh	D	Brown clay 10; grey limestone 28; blue shale 30. Water at 24.
	" 19 W. Sim	"	Sep. 16, 1966	4				gas		Brown clay 29; quicksand 45; grey limestone 80; blue shale 98; black shale 103. Dry hole.
	" 23 N. Sim	S. & O. Wright	June 30, 1966	5	5	10	10	Fresh	D	Clay boulders 20; rock 25. Water at 24.
	" 23 H. Dougal	"	June 30, 1966	4	6	10	10	Alkali	N	Hardpan boulders 24; grey limestone 45.
	" 40 H. Schack	D. Wright	May 2, 1967	4	1 1/2	42	10	Sulphur	P	Dug well 22; blue clay 24; grey limestone 45. Water at 37.
	" 27 R. McCulligh	"	Aug. 18, 1965	4	1	30	5	Fresh	D	Loose limestone 4; grey limestone 30. Water at 17.
Barrie Island Twp. Con VIII	lot 12 S. Runnalls	S. & O. Wright	Sep. 8, 1966	5	4	17	14	Fresh	D	Light soil stones 7; grey limestone 21. Water at 14.
	Ballings Twp. Con III	International Water Supply	Aug. 2, 1967	10	4	44	31	Fresh	T	Topsoil 1; sand gravel boulders 32; fine coarse sand fine gravel 4; fine coarse sand gravel streaks silt 58; fine sand 70; fine sand boulders 72; limestone. Water at 32.
	" 9 "	"	July 28, 1967	10					T	Topsoil 1; brown sand 31; grey fine sand 44; clay gravel 48; grey limestone 53; hard limestone 67.
	" 12 Dept. of Indian Affairs	D. Wright	Apr. 28, 1965	4					N	Shell limestone 3; grey limestone 30; grey limestone shale streaks 106. Gas at 104.
	" 19 C. Foster	"	July 12, 1966	4	2	25	15	Fresh	S	Brown clay 1; grey limestone 30. Water at 27.

# MANITOULIN DISTRICT -cont.

Barbee Twp. Con VI Con VII	lot 25	T. Gibson	D. Wright	Mar. 13, 1964	4	5	30	6	Fresh	D	Brown clay 3; brown limestone 40. Water at 17.
	" 37	R. Marrell	S. & O. Wright	Aug. 26, 1966	4	3	88	84	"	D	Light clay soil 3; rock grey limestone 108. Water at 68 and 97.
	" 6	M. Russel	"	July 21, 1966	4	6	60	40	"	D	Grey limestone 94. Water at 88.
Campbell Twp. Con VI Con X Con XI Con XII Con XIII Con XIV Con XV Con XVII	lot 8	D. Stricker	S. & O. Wright	May 28, 1965	4 1/2	6	25	25	Fresh	D	Light soil 26; rock 50. Water at 43.
	" 10	G. Galbraith	"	Aug. 4, 1964	5	6	35	14	"	D	Soil clay 35; hard grey rock 115. Water at 75 and 110.
	" 19	N. Campbell	"	Nov. 1, 1966	5	6	22	12	"	D	Rock grey limestone 77. Water at 65 and 70.
	" 10	E. McColeman	"	May 5, 1964	5	6	26	10	"	D	Clay sand 50; grey limestone 118. Water at 60 and 112.
	" 10	Rev. Bender	"	Nov. 22, 1965	5	6	18	5	"	D	Brown sandy clay 46; rock 144. Water at 65 and 107.
	" 25	G. McCallister	"	Oct. 26, 1966	5	6	40	10	"	D	Dug well 14; grey limestone 104. Water at 55 and 94.
	" 1	E. Galbraith	"	Aug. 15, 1964	4 1/2	6	25	16	"	D	Sandy soil 7; grey limestone 45. Water at 32.
	" 2	K. McDermid	"	Aug. 21, 1965	5	6	45	45	"	D	Light soil 13; rock limestone 110. Water at 105.
	" 4	J. Sullivan	"	Aug. 4, 1965	5	6	27	7 1/2	"	D	Limestone 35. Water at 16.
	"	"	"	"	"	"	"	"	"	"	"
Carnarvon Twp. Con III Con III Con IV Con IV Con IV Con IV Con IV Con IV Con IV Con IV Con V Con V Con V Con V Con V Con V Con V Con V Con XI Con XI Con XI	lot 15	F. Conley	S. & O. Wright	Aug. 20, 1964	4 1/2	6	48	48	Fresh	D	Rocky shale 8; solid grey limestone 75. Water at 65.
	" 20	W. Turner	"	June 3, 1965	4	6	45	4	"	D	Sand clay 70; grey rock 86. Water at 80.
	" 18	E. Wybro	"	May 5, 1964	4 1/2	5	40	32	"	D	Dark clay 2; grey limestone 75. Water at 32 and 72.
	" 20	E. Wilber	"	Oct. 18, 1966	5	6	92	24	"	D	Light soil clay 4; grey limestone 92. Water at 55 and 60.
	" 21	J. Bart	"	Sep. 18, 1965	5	6	80	19	"	D	Rocky light soil 7; grey limestone 80. Water at 60.
	" 21	"	"	Sep. 22, 1965	4	7	42	9 1/2	"	D	Soil 18; limestone 30. Water at 38.
	" 21	H. Connell	D. Wright	May 12, 1966	4	3	29	25	"	D	Brown claystones 10; grey brown limestone 38. Water at 32.
	" 21	P. Moody	S. & O. Wright	Oct. 5, 1966	5	6	15	29	"	D	Dug well 13; stones silt clay 45; grey limestone 70. Water at 20.
	" 22	R. Williamson	"	July 9, 1965	4	4	114 1/2	42	"	D	Topsoil 2; grey rock 114 1/2. Water at 65.
	" 12	L. Walberg	"	July 15, 1965	4	6	28	28	"	D	Topsoil Gravel 23; rock 58. Water at 48.
	" 20	K. Smeltzer	"	Aug. 7, 1964	4 1/2	6	23	23	"	D	Light soil 12; grey rock 45. Water at 38.
	" 20	L. Dunn	"	Oct. 12, 1966	5	6	21	21	"	D	Light soil stones 20; grey limestone 43. Water at 36.
	" 21	E. King	"	June 24, 1964	4 1/2	1	100	32	"	D	Gritty clay 2; grey limestone 110. Water from 60 to 80.
	" 21	D. Bryant	D. Wright	June 12, 1965	4	3	95	38	"	D	Clay 1; white limestone 20; grey limestone 93; blue shale 96. Water at 47.
	" 22	H. Cooper	S. & O. Wright	Dec. 1, 1966	5	6	102	40	"	D	Grey limestone 102. Water at 65 and 80.
	" 23	J. Henderson	"	Sep. 11, 1964	5	6	70	53	"	D	Light topsoil 6; hard grey rock 73. Water at 60.
	" 2	Rev. Madden	"	May 19, 1964	4 1/2	3	80	9	"	D	Fine sand 67; grey limestone 108. Water at 80.
	" 2	Public School	"	Aug. 26, 1965	4	6	34	24	"	P	Sand 42; rock white limestone 75. Water at 68.
	" 2	G. White	"	July 28, 1967	5	5	33	28	"	D	Old dug well 20; sand gravel 50; limestone bedrock 72. Water at 65.
	" 11	J. Deware	"	Aug. 6, 1964	4 1/2	6	11	11	"	S	Solid grey rock 72. Water at 65.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE	LOG AND REMARKS • (Depths to which formations extend below the surface are given in feet)
MANITOULIN DISTRICT.—cont.										
Dawson Twp. Con VIII	lot 11 " 24	S.&O. Wright	July 2, 1964	4½	5	36	27	Fresh	P	Hardpan stones 17; grey limestone 66. Water at 48.
Con X	" 23	D. Wright	Aug. 12, 1964	5	14	58	35	"	P	Cobble stones 3; shell limestone 7; grey limestone 60; grey brown limestone 72½. Water at 55 and 67.
Con XI	" 23	S.&O. Wright	June 26, 1964	4½	5	16	14	"	D	Gravel stone 8; grey limestone 52. Water at 40.
Con XI	" 23	"	June 27, 1964	4½	5	11	8	"	D	Stony gravel 8; grey limestone 50. Water at 40.
Con XI	" 23	"	July 14, 1964	4½	5	48	25	"	D	Shore stones 44; grey limestone 90. Water at 86.
Con XI	" 23	"	July 16, 1964	5	6	21½	21	"	D	Gravel shore stones 18; grey limestone 50. Water at 40.
Con XI	" 23	"	June 11, 1965	4	8	68	44	"	D	Shaly rock 4; grey limestone 78. Water at 40 and 75.
Gordon Twp. Con B	lot 8	I. Petroff	Aug. 13, 1965	4	6	40	32	Fresh	D	Gravel sand 48½. Water at 48½.
Gore Bay, Town of		D. Wright	Nov. 16, 1965	4	½	50	8	Fresh	D	Dug well 12; grey limestone 50. Water at 45.
Great Cloche Island		D. Wright	Mar. 4, 1966	4	3	17	12	Fresh	D	Brown clay shell limestone 2; grey limestone 25; silica sandstone shale streaks 80. Water at 40 and 58.
		"	Mar. 14, 1966	4	3	20	15	"	S	Dug 3; grey limestone 25; silica sandstone shale streaks 101; red shale 104. Water at 44 and 66.
		"	Mar. 28, 1966	4	3	22	17	"	D	Dug well 4; grey limestone 20; silica sandstone shale streaks 84; granite 85. Water at 35 and 60.
Howland Twp. Con VI	lot 11 " 27	D. Wright	May 21, 1965	5	2	60	15	Fresh	D	Gravel clay 8; soft shale limestone streaks 60. Water at 12.
Con VII	" 5	"	Apr. 2, 1964	4	8	12	6	Sulphur	D	Brown clay boulders 24; black shale 33; hard black rock 34. Water at 33.
Con VII	" 8	"	Oct. 19, 1964	4			68	Salt	N	Soft blue shale 100; black grey shale 108. Water from 101 to 108.
Con VII	" 8	"	Mar. 15, 1967	5	3	40	20	Salt	N	Sandy clay 8; blue clay 18; blue shale 67. Water at 66.
Con VII	" 5	"	Mar. 15, 1967	5	2	40	20	"	N	Sandy clay 8; blue clay 18; blue shale 57. Water at 56.
Con VIII	" 5	"	July 19, 1965	4	1	60	11	Fresh	D	Clay 2; loose black shale 8; black shale 62. Water at 50.
Con VIII	" 6	"	Mar. 8, 1967	5	5	15	15	"	D	Dug pit 5; brown clay boulders 25; black shale 60; black hard shale 65. Water at 60.

MANITOULIN DISTRICT. - cont.

MANITOULIN DISTRICT.-cont.									
Howland Twp.-cont.									
Con X lot 7	F. Lemon	D. Wright	July 17, 1965	5	5	17	15	Sulphur	D
Con XI " 21	Ont Hydro	"	Jan. 16, 1967	4	2	28	12	Salty	F
Con XII " 21	"	"	Feb. 22, 1967	4	2	40	10	Sulphur	D
Con XII " 16	R. & P. Woodman	S. & O. Wright	Aug. 19, 1967	4	2				
Indian Reserve #26									
Kaboni	Dept. of Indian Affairs	D. Wright	Jan. 21, 1966	4					
Kaboni	"	"	Jan. 14, 1966	4					
Little Current, Town									
Con VIII lot 6	S. Wilkins	The Markstay Diamond Drillers	July 25, 1964	2	2	45	38	Fresh	D
Mills Twp.									
Con IX lot 1	G. MacDonald	S. & O. Wright	July 6, 1966	5	6	32	12	Fresh	D, S
Robinson Twp.									
Con V lot 2	J. Elorff	S. & O. Wright	June 4, 1964	4 1/2	5	35	8	Fresh	D
Con VI " 11	W. Smith	D. Wright	Mar. 13, 1964	4	4	110	90	"	S
Con VII " 20	A. Pickard	"	Feb. 21, 1964	4	2	85	63	"	D
Con VII " 24	A. Addison	S. & O. Wright	Sep. 20, 1967	4	6	112	42	"	D, S
Con VIII " 23	T. Addison	"	Sep. 26, 1967	4	6	55	18	"	D
Rutherford Twp.									
Section 28	Ont. Dept of Highways	F. Hammond	Aug. 11, 1965	5	20	60	8	Fresh	P
lot 32	B. Tyson	A. Quenville	July 14, 1964	1 1/2	3	12	8	"	D

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WANITUOLIN DISTRICT.- cont.										
Sandfield Twp.										
Con III lot 7	A. Watson	D. Wright	Dec. 27, 1967	4	5	35	26	Fresh	D	Brown clay boulders 9; grey limestone 60; brown limestone 70. Water at 35 and 65. Water at 24.
Con IV " 18	Dr. R. Frawley	"	Aug. 4, 1965	4	5	10	4	"	D	Grey limestone 30. Water at 24.
Con V " 14	E. Anderson	"	Aug. 25, 1966	4	5	20	16	"	D	Gravelly brown clay; broken limestone 9; grey limestone 30; brown limestone 45. Water at 32.
Con IX " 18	Sandfield School Board	"	Sep. 1, 1964	4	2	35	12	"	P	Sandy loam 3; sand gravel 25; gravelly clay 40; clay 47; shale 49; grey limestone 53. Water at 51.
Con IX " 23	D. Camard	S. & O. Wright	Aug. 4, 1967	5	5	18	17	"	D	Brown soil boulders 11; brown limestone 78. Water at 48 and 70.
Con IX " 24	L. Moore	"	July 30, 1965	5	5	19	14	"	D	Gravel boulders 40; limestone 48. Water at 41.
Sheguiandah Twp.										
Con A lot 35	W. Cooby	D. Wright	Nov. 16, 1964	4	4	46	42	Sulphur	D	Black slate 10; grey limestone Silica 56. Water at 42.
Con V " 20	M. Bryant	"	Oct. 7, 1964	4	4	63	20	Fresh	D	Gravelly clay 14; grey limestone 40; blue shale streaks limestone 63. Water at 30 and 63.
Con V " 20	"	"	July 29, 1965	4	4	44	10	"	D	Streaks gravel clay 10; shale limestone 44. Water at 35.
Town plot	Municipality of Howland	"	July 22, 1966	4	4				N	Gravelly clay boulders 30; gravelly clay 45; black shale 50. Dry hole.
Town Plot	"	"	July 28, 1966	5	5			Gas		Gravelly clay boulders 15; black shale 100. Dry hole.
Town Plot	"	"	Aug. 4, 1966	5	5			Gas		Gravelly clay boulders 40; black shale 50. Dry hole.
Shegwaning Indian Reserve #20										
	Dept. of Indian Affairs	D. Wright	July 22, 1964	4	0	0	0			Sandy loam 1; grey limestone 35; grey limestone shale streaks 85. Dry hole.
Tehkumamah Twp.										
Con A lot 17	W. Farmsworth	S. & O. Wright	Sep. 22, 1964	5	6	75	53	Fresh	D	Light soil 4; hard grey rock 121. Water at 96.
Con B " 14	B. Leeson	"	July 26, 1965	4	6	151	48	"	D	Light soil 6; limestone 151. Water at 80 and 138.
Con B " 16	P. Cullis	"	June 30, 1965	4	6	18	8	"	D	Loose rock 1; grey limestone 36. Water at 8 and 28.
Con I " 17	P. Chisholm	B. Wright	Oct. 22, 1966	4	5	16	14	"	D	Brown clay 1; grey brown limestone 30. Water at 24.
Con II " 6	G. Strain	S. & O. Wright	Oct. 5, 1965	4	8	67	67	"	D	Rock 89. Water at 87 1/2.
Con II " 11	C. Vanorne	"	Sep. 22, 1966	5	8	0	66	"	D	Previously dug 7 1/2; hardpan stones 11 1/2; grey limestone 94. Water at 48 and 90.
Con III " 10	A. Russell	"	June 22, 1966	6	6	68	68	"	D	Hardpan stones 36; grey limestone 108. Water at 103.
Con III " 10	N. Lattie	"	Sep. 30, 1966	5	6	60	60	"	D	Hardpan stone 50; grey limestone 100. Water at 95.
Con IV " 14	E. McGillis	"	June 25, 1965	6	6	25	18	"	D, S	Hardpan 14; grey rock 70. Water at 40.
Con VII " 3	C. Pyette	D. Wright	July 8, 1964	4	6	65	60	"	D	Brown clay boulders 10; grey limestone 65; brown limestone 80. Water at 70.
Con VIII " 4	W. McMurry	"	May 8, 1964	4	8	35	30	"	D	Dug well 3; brown clay 4; grey limestone 43; brown limestone 50. Water at 43.



MANITOULIN DISTRICT -cont.									
Tehkumuh Twp. - cont.									
Con XII lot 10 C. Smith	S. & O. Wright	Oct. 20, 1966	4	6	0	4	Fresh	D	Grey limestone 20. Water at 14.
Con XII " 10 W. McCulligh	"	Sep. 30, 1967	4	6	22	7	"	D	Clay Gravel 6; rock 48. Water at 45.
Con XII " 11 Park Area	D. Wright	Nov. 29, 1966	4	5	35	18	"	P	Grey limestone 65. Water at 40 and 60.
Con XIII " 2 Dr. Harwood	"	Apr. 16, 1966	4	10	12	5	"	D	Grey limestone 24; brown limestone 30; grey limestone 45; brown limestone 57. Water at 27 and 47.
Con XIII " 10 Dr. P. Coffey	S. & O. Wright	June 13, 1966	4	6	18	18	"	D	Limestone 50. Water at 49.
Con XIII " 11 Kay Bros.	"	June 8, 1966	4	6	28	24	"	D	Topsoil 1; limestone 60. Water at 55.
SBTP G. & J. Kay	"	June 8, 1966	4	6	30	30	"	D	Grey limestone 62. Water at 55.
Whitefish Indian Reserves									
#4 Dept. of Indian Affairs	D. Wright	May 19, 1965	4	1		73	Fresh	P	Clay 2; red shale 110; hard red granite rock 113. Water at 100.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY Adelaide Twp. Egremont Road North Survey										
ERN Con I	" 4 A.Timmers	S.Earl	Oct. 7, 1964	4 1/2	12	25	18	Fresh	D	Clay 124; grey shale 133. Water at 130.
ERN Con I	" 11 E.Smith	A.Heal	Feb. 10, 1967	4	2	32	20	"	D	Gravel 64; yellow clay 15; blue clay 25; sand 32. Water from 26 to 32.
ERN Con I	" 11 A. Nichols	"	July 15, 1965	4	3	32	28	"	D	Yellow topsoil 15; blue clay 32; sand 38. Water from 32 to 38.
ERN Con I	" 19 M.VanGeffen	"	Mar. 21, 1964	4	6	69	66	"	D	Yellow topsoil 16; blue clay 55; clay sand streaks 70; sand 80. Water from 70 to 80.
ERN Con II	" 2 W.Adams	R.Smith	Sep. 3, 1964	5	10	33	30	"	D, S	Brown clay 18; blue clay 43; sand 44; blue clay 65; sandy blue clay 75; gravelly blue clay 131; coarse sand 134; rock. Water from 131 to 134.
ERN Con II	" 13 G.VanErp	A.Heal	Aug. 29, 1966		1	11	12	"	D	Old brick well 18; blue clay 34; fine sand clay 40. Water at 34.
ERN Con II	" 15 G.Tompson	R.Smith	Apr. 15, 1964	5	5	17	14	"	D, S	Dug well 26; clay sand 50; fine sand 73. Water at 50.
ERN Con II	" 19 M.VanGeffen	A.Heal	Oct. 21, 1966	5	5	75	35	Sulphur	D, S	Yellow topsoil 15; blue clay 55; muddy sand 109; blue clay 224; dark limestone 225. Water at 223.
ERN Con II	" 20 H.Wardell	"	Dec. 29, 1964	4	4	83	40	Fresh	D, S	Yellow topsoil 15; blue clay 70; sand 87. Water from 70 to 87.
ERN Con II	" 26 R.Smith	R.Smith	June 11, 1966	5	7	80	42	"	S	Brown clay 15; blue clay 69; fine grey sand 76; silty grey sand 85. Water from 69 to 85.
ERN Con III	lot 4 R.McPhail	S.Earl	June 16, 1967	4 1/2	10	22	10	Fresh	S	Sand 14; clay 52; hardpan 64; sand 89; hardpan 105; grey shale 111. Water at 109.
ERN Con III	" 7 B.Arrand	A.Heal	Dec. 15, 1964	4				"		Yellow topsoil 15; blue clay 21; sandy clay 43; clay sand streaks 148; seepstone 156. Dry hole.
ERN Con III	" 7	M.Ward	Dec. 19, 1964	4				"		Yellow topsoil 15; blue clay 27; sandy clay 40; clay sand streaks 91. Dry hole.
ERN Con III	" 7	A.Heal	June 11, 1966	4	1	58	6	Fresh	D, S	Dug hole 15; blue clay 39; sandy clay 64; blue clay 75. Dry hole 60.
ERN Con IV	" 8 E.Murray	"	Apr. 6, 1967	4	7	63	41	"	D, S	Yellow topsoil 15; blue clay 96; sand 104. Water from 96 to 104.
ERN Con IV	" 12 F.Verheyen	R.Hudson	Dec. 17, 1964	3 1/2	1	15	27	"	D, S	Sand 7; sandy clay 12; blue clay 22. Water at 7.
ERN Con IV	" 16 M.Ford	"	Oct. 30, 1967	3	10	12	7	"	D	Brown clay 10; gravel 12; blue clay 16. Water at 10.
ERN Con V	" 7 W.Archison	"	Aug. 24, 1965	3 1/2	3	30	15	"	D	Brown clay 18; sandy clay 33. Water at 18.
Egremont Road South Survey										
ESS Con I	lot 3 J.Peters	S. Earl	June 9, 1967	4 1/2	15	21	18	Fresh	D	Clay 83; hardpan 126; gravel 128; grey shale 132. Water from 126 to 130.
ESS Con I	" 17 S.Handelman	A. Heal	July 14, 1965	4	4	52	38	"	D, S	Dug hole 55; sand 62. Water from 52 to 62.
ESS Con I	" 28 Town of Strathroy	Faulkner Well Drilling	July 31, 1967	6 1/2	12	400	60	"	2-67	Topsoil 2; brown clay 50; sand 75; sand silt 170; clay 245; limestone 413. Water from 245 to 400.
ESS Con I	" 28	"	Aug. 22, 1967	6 1/2	20	65	46	"	2B-67	Topsoil 2; brown clay 50; sand 65. Water from 50 to 65.
ESS Con I	" 28	"	Aug. 24, 1967	6 1/2	70	65	45	"	2A-67	Topsoil 2; brown clay 50; sand 75; fine sand 80; sandy silt 85. Water from 55 to 70.
ESS Con I	" 30 A.DeBoo	R.Dolphin	Oct. 20, 1964	4	3	51	32	"	D	Yellow clay 10; blue clay 35; sand 55. Water from 51 to 55.
ESS Con I	" 30 Town of Strathroy	Faulkner Well Drilling	July 10, 1967	6 1/2	6	214	45	"	1-67	Topsoil 2; brown clay 15; brown sand 45; brown sand 50; grey clay 163; grey clay stones 208; grey limestone 214. Water from 200 to 214.
ESS Con I	" 30	"	July 24, 1967	6 1/2			45	"	3-67	Topsoil 1; brown clay 40; silt sand 80; sand 90; sandy silt 123; Water from 40 to 123.

MIDDLESEX COUNTY - cont.

ERS	Con	I	lot	31	B. VanExp	R. Smith	May 21, 1966	5	8	52	55	Fresh	D	Brown clay 18; blue clay 42; brown sand 47; brown grey sand 52; sand clay 55. Water from 43 to 52.
ERS	Con	I	"	31	W. Zavit	"	June 25, 1964	5	10	40	38	"	D	Sandy clay 1; blue clay 3; black sand 60. Water at 50.
ERS	Con	II	"	5	R. Verhoeven	A. Heal	Aug. 17, 1966	4	5	106	41	"	D, S	Gravel 99; clay 13; hardpan 157; black shale 144. Water at 137.
ERS	Con	II	"	8	A. Dowling	Demaray & Nichols	Sep. 18, 1967	4	15	85	85	Sulphur	S	Clay loam 1; yellow clay 10; blue clay 6; fine muddy sand 85; blue clay 15; hardpan 166; grey shale 171; grey limestone shale streaks 177; dark shale 185. Water from 177 to 181.
ERS	Con	II	"	13	J. Vanneven	Dolphin	Feb. 11, 1966	4	2 1/2	70	46	Fresh	D, S	Yellow clay 12; blue clay 68; sand 73. Water from 71 to 73.
ERS	Con	II	"	15	R. Down	R. Smith	Dec. 4, 1965	5	12	67	57	"	D, S	Grown clay 58; brown sand 74; fine black sand 77; coarse black grey sand 83. Water from 59 to 83.
ERS	Con	II	"	17	P. Joris	R. Smith	May 25, 1967	5	10	55	25	"	D, S	Brown clay 1; blue clay 52; sandy blue clay 67; fine grey sand 79. Water at 67 and 79.
ERS	Con	II	"	18	T. Aerts	"	July 22, 1964	5	59	12	58	"	D, S	Brown clay 18; blue clay 45; fine sand 66; coarse sand 80. Water at 60.
ERS	Con	II	"	20	J. Stokman	"	Mar. 5, 1966	5	12	90	45	"	D, S	Brown clay 15; blue clay 30; fine grey sand 40; grey sand 70; fine sand clay 131; blue clay 240; hardpan 243; shale. Water from 41 to 70 and at 244.
ERS	Con	II	"	21	Cuddy Turkey Farms	"	Sep. 16, 1965	5	10	45	42	"	C	Brown clay 15; blue clay 34; silty sand 53; coarse sand 64. Water at 53.
ERS	Con	II	"	21	Town of Strathroy	Faulkner Well Drilling	Aug. 3, 1967	6 1/2		45	45	"	T	Topsoil 1; brown clay 21; brown sandy clay 45; sand 70; sandy silt 75; sand 95; sandy silt 100; sandy clay silt 105. Water from 45 to 105. Abandoned. Insufficient water.
ERS	Con	II	"	22	L. Greenslade	R. Smith	Dec. 8, 1964	5	10	67	50	"	D	Brown clay 20; blue clay 40; fine sand 52; sand 70. Water at 52.
ERS	Con	II	"	22	J. Thyssen	"	Dec. 7, 1964	5	15	60	50	"	D	Brown clay 20; blue clay 40; fine sand 52; sand 70. Water at 52.
ERS	Con	II	"	22	Franklin Electric	"	Dec. 21, 1964	7	40	73	48	"	In	Brown clay 18; blue clay 42; fine sand 52; sand 70; fine sand 81; Water at 52.
ERS	Con	II	"	24	M. McDonald	R. Dolphin	May 11, 1966	4	4	47	28	"	D, S	Clay 18; sand 43; sand 481 Water from 45 to 48.
ERS	Con	II	"	26	G. Jaulsenke	R. Dolphin	Aug. 9, 1965	4	3	10	18	"	D	Sand 30; sand 35. Water from 30 to 35.
ERS	Con	II	"	27	G. Downham	"	Dec. 28, 1967	4	12	27	22	"	D, S	Gravel clay 3; brown sand 31; grey sand 40; fine sand 45. Water at 31.
ERS	Con	III	"	9	M. Brown	M. Ward	Jan. 18, 1964	3	1 1/2	76	63	"	N	Topsoil gravelly clay 6; clay 69; sand 76. Water from 69 to 76.
ERS	Con	III	"	9	"	A. Heal	Feb. 12, 1964	4	3	80	63	"	D	Topsoil gravelly clay 6; yellow clay 15; blue clay 68; gravel sand 73; fine sand 86. Water from 73 to 86.
ERS	Con	III	"	13	E. Harris	R. Smith	Nov. 3, 1965	5	8	70	51	"	D, S	Brown clay 12; blue clay 40; sand soupy clay 45; soupy clay 59; grey sand 68; brown clay 72. Water from 60 to 68.
ERS	Con	III	"	15	J. Dortman	"	Oct. 31, 1967	5 1/2	12	65	59	"	D, S	Topsoil 1; brown soil 20; blue clay 71; sand 86; clay sand 89. Water at 77.
ERS	Con	III	"	16	J. Boer	"	Oct. 28, 1965	5	12	65	60	"	D, S	Brown clay 12; blue clay 53; clay stone 64; fine brown black sand 76; black grey sand 86. Water from 77 to 86.
ERS	Con	III	"	19	J. Kingma	"	Oct. 24, 1967	5 1/2	12	35	28	"	D, S	Topsoil 1; clay sand 30; brown sand 35; sand 54. Water from 30 to 54.
ERS	Con	III	"	23	A. Thompson	R. Dolphin	Nov. 23, 1966	4	8	39	26	"	S	Open well 8; blue clay 22; sand hardpan 30; sand 42. Water from 38 to 42.
ERS	Con	III	"	27	Town of Strathroy	Faulkner Well Drilg. Co. Ltd.	Aug. 30, 1967	6 1/2	40	30	5	"	N	Topsoil 1; sandy clay silt 15; sand 45; sandy silt 90; sandy clay silt 100. Water from 20 to 35.
ERS	Con	III	"	27	"	"	Aug. 31, 1967	6 1/2		5	5	"	T	Topsoil 1; sandy clay silt 15; sand 30. Water from 15 to 30.
ERS	Con	III	"	27	"	"	Sept. 1, 1967	6 1/2		5	5	"	T	Topsoil 1; brown clay 15; sand 65; sandy silt 75; clay silt 85. Water from 65 to 85.
ERS	Con	II	"	29	"	"	Aug. 17, 1967	6 1/2		65	65	"	T	Topsoil 1; brown clay 15; sand 65; sandy silt 75; clay silt 85. Water from 65 to 85.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST 67. ML.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
MIDDLESEX COUNTY - cont. Adelaide Twp. - cont. Egremont Road South Survey cont.										
ERS Con IV	"	S. Earl	Mar. 16, 1964	4 1/2		80	8	"	"	Clay 89; hardpan 92; grey shale 183. Water at 89.
ERS Con IV	"	"	Mar. 23, 1964	4 1/2		20	2	"	"	Clay 93; grey shale 111. Water from 108 to 111.
ERS Con V	"	R. Hudson	Oct. 28, 1967	3 1/2	5	12	12	"	"	Blue clay 12; fine sand 20. Water at 20.
ERS Con V	"	"	Oct. 18, 1967	3 1/2	2	20	12	"	"	Blue clay 12; fine sand 26. Water at 12.
ERS Con V	"	"	Dec. 13, 1967	3 1/2	2	20	12	"	"	Brown clay 12; fine sand 25. Water at 12.
ERS Con V	"	"	Dec. 21, 1967	3 1/2	2	20	10	"	"	Brown clay 12; Water at 12.
ERS Con V	"	"	Nov. 30, 1965	3 1/2	2	24	18	"	"	Blue clay 18; quicksand 27. Water at 18.
ERS Con V	"	R. Smith	June 18, 1965	4 1/2	5	22	14	"	"	Hard clay stones 8; sand 22; sand 37. Water from 22 to 37.
Ailsa Craig Vlg.										
	C. Harrison	Wm. Dale Well Drllg.	Feb. 14, 1964	5	4	80	40	Fresh	D	Topsoil 1; brown clay 8; grey clay 29; brown fine sand 31; grey clay 58; boulder 62; grey clay 75; brown lime ledge 86; blue shale 89. Water at 86.
	Vlg. Ailsa Craig	International Water Supply Ltd.	Apr. 7, 1964						T	Sand gravel 6; grey clay 66; grey clay gravel 71; grey blue clay 83; limestone.
	J. Skinner	W. Dale	May 8, 1964	5	1	91	52	Fresh	D	Fill 4; blue clay 73; black shale 79; soft clay 83; shale 86; limestone 87; blue clay stones 90; limestone 92. Water at 91.
	A. George	R. Hudson	Nov. 6, 1965	3 1/2	3	12	7	"	"	Sand 10; blue clay 16. Water at 7.
Biddulph Twp.										
Con I	Lot 13	W. Hopper	Oct. 12, 1966	5	10	295	287	Fresh	D, S	Yellow clay 16; blue clay stones 78; hardpan 96; brown rock 328. Water at 328.
Con I	"	"	Feb. 8, 1965	4	12	122	120	"	"	Topsoil 7; blue clay 29; cemented gravel stones 137; gravel 142; grey limestone 172. Water from 146 to 172.
Con I	"	R. Hudson	Aug. 2, 1967	3 1/2	1 1/2	24	19	"	"	Brown clay 12; blue clay 19; gravel 22; blue clay 26. Water at 19.
Con II	"	Banes Drllg. Co.	Sep. 1, 1964	3 1/2	10	33	27	"	"	Brown clay 10; grey clay 20; fine grey sand gravel seams 25; grey clay sand gravel seams 33. Water at 27.
Con II	"	R. Smith	Oct. 15, 1967	5	12	342	338	"	"	Brown clay stones 19; stones blue clay 151; boulders 154; brown stones clay 184; brown limestone 281; grey limestone 359. Water at 359.
Con IV	"	"	Nov. 2, 1967	5						Topsoil 1; stony brown clay 12; stony blue clay 29; gravelly blue clay 148; stones blue clay 163. Dry hole.
Con IV	"	"	Dec. 15, 1967	5	12	370	365	Fresh	D, S	Topsoil 1; sandy brown clay 15; blue clay 38; boulders clay 55; stone clay 182; brown limestone 395. Water at 390.
Con V	"	W. Vanarenthals	July 3, 1964	3 1/2	2	25	20	"	"	Brown clay 10; blue clay 18; gravel 20; blue clay 18; stones 28. Water at 18.

## MIDDLESEX COUNTY - cont.

MIDDLESEX COUNTY - cont.									
Biddulph Twp. - cont.									
Con VI	lot 29	A. Manders	R. Hudson	Aug. 8, 1964	36	1	18	4	Fresh
Con VII	" 24	C. VanBassel & Sons	W. Hopper & Sons	Aug. 17, 1964	4	7	287	285	"
Con VIII	" 16	W. Damen	"	Nov. 22, 1965	4	10	230	222	"
Con VIII	" 33	J. Blake	"	Dec. 10, 1964	4	7	250	245	"
Con IX	" 18	P. VanBassel & Sons	"	Apr. 21, 1967	4	7	235	230	"
Con IX	" 29	C. O' Shea	"	Aug. 3, 1966	4	6	285	280	"
Con XI	" 26	B. Hardie	"	Jan. 7, 1965	4	6	270	265	"
Con XII	" 30	W. Gerrett	R. Hudson Well Boring	Aug. 12, 1965	36	4	28	15	"
Con XIII	" 23	Granton Park	R. Hudson	June 8, 1966	36	1	30	2	"
Con XIII	" 24	L. Harrett	"	July 26, 1967	36	1	34	25	"
Con XIII	" 24	D. Tuttle	"	July 27, 1967	36	1	30	25	"
Con XIII	" 24	C. Skonieczny	"	July 28, 1967	36	1	32	25	"
LPL	" 7	R. Hamilton	"	May 14, 1964	36	7	177	175	Fresh
NE	" 15	D. Moffat	W. Hopper & Sons	Jan. 16, 1967	4				
NE	" 28	J. Lambourn	R. Hudson	Dec. 23, 1966	36	4	45	27	"
NE	" 29	W. Egan	"	Aug. 17, 1967	36	1	40	15	"
SB	" 3	H. Toohy	"	June 4, 1965	36	20	16	15	"
SB	" 3	R. Gieson	"	Aug. 10, 1965	36	1	1	8	"
SB	" 8	R. Welsh	"	Aug. 8, 1967	36	4	35	8	"
SE	" 8	G. Leslie	"	June 30, 1965	36	10	15	3	"
SE	" 11	H. Garrett	"	Oct. 21, 1967	36	10	15	3	"
SB	" 15	C. Dunlop	"	Sep. 15, 1967	36	5	12	5	"
Caradoc Twp.									
Con I	lot 1	N. Lambert	R. Hudson	Sep. 10, 1966	36	1	20	15	Fresh
Con I	" 4	E. Carruthers	R. Smith	Feb. 5, 1966	5	10	80	50	"
Con I	" 4	"	"	Feb. 1, 1966	5	10	80	50	"

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Caradoc Twp. - cont.										
Con I	5 S. McRobert	R. Hudson	Nov. 13, 1967	36	8	10	4	Fresh	S	Sand 12; blue clay. Water at 4.
Con I	5 J. McCracken	"	Nov. 11, 1967	36	3	18	12	"	S	Brown clay 6; fine sand 22; blue clay 23. Water at 16.
Con I	10 D. Bujnowski	"	June 4, 1967	36	5	18	10	"	D, S	Sand 19; blue clay. Water at 15.
Con I	15 S. Lyeko	W. Dale	June 24, 1964	4	5	41	18	"	D, S	Dug well 19; muddy sand 22; blue clay 35; fine sand 39; blue clay 43; muddy sand 48. Water from 36 to 39.
Con I	21 S. Pearson	R. Hudson	Aug. 19, 1966	36	1	30	20	"	D, S	Sand 10; silty blue clay 35. Water at 24.
Con II	1 M. Butler	"	July 19, 1966	36	5	52	42	"	D	Sandy clay 15; blue clay 45; blue clay gravel streaks 55. Water at 42.
Con II	7 G. Elliott	J. Weaver & Son	Feb. 29, 1964	1 1/2	8		20	"	S	Open well 20; brown quicksand 29; brown clay 30; blue quicksand 35. Water at 20. Two points.
Con II	7	"	Feb. 29, 1964	1 1/2	4		20	"	D	Open well 20; brown quicksand 29; brown clay 30; blue quicksand 35. Water at 20.
Con II	10 M. Carruthers	R. Smith	Dec. 16, 1965	5	4	32	12	"	D, S	Loam 2; brown sand 10; brown clay 20; brown clay stone 28; black sand 32; fine black sand 37. Water 24 to 32.
Con II	18 B. Thompson	R. Hudson	July 20, 1966	36	5	11	3	"	D	Fine sand 14. Water at 3.
Con II	21 M. McLean	D. Dougherty	Nov. 6, 1964	6 1/2	1 1/2	57	28	"	D	Topsoil 1; dirty sand 54; fine sand 60. Water at 59.
Con II	22 C. Wilcox	R. Hudson	Sep. 4, 1967	36	1	18	6	"	D, S	Sand 10; sandy clay 20. Water at 6.
Con II	9 P. Sutherland	R. Smith	Aug. 8, 1967	1 1/2	5	20	12	"	D, S	Topsoil 1; brown sand 35; sand 40; clay. Water from 35 to 40.
Con III	13 M. Ellender	R. Hudson	July 5, 1967	36	5	82	30	"	D, S	Sandy clay 20; sand 25. Water at 20.
Con III	21 C. Mostery	R. Smith	Mar. 13, 1966	5	10		4	"	D, S	Sandy loam 12; blue clay 35; muddy sand 48; sandy blue clay 77; fine grey sand 81. Water at 35 and 77.
Con IV	17 J. Steiner	R. Hudson	Apr. 7, 1967	36	5	12	3	"	D	Sand 16; blue clay. Water at 3.
Con IV	20 W. Toonen	"	Mar. 14, 1967	36	3	20	15	"	D, S	Fine sand 22. Water at 15.
Con V	9 R. Bishop	J. Weaver & Son	May 19, 1964	1 1/2	8		25	"	D, S	Open well 25; blue quicksand 40; coarse sand 43. Water at 25.
Con V	20 F. Gencius	R. Hudson	Sep. 2, 1967	36	4	20	15	"	D	Fine sand 52. Water at 15.
Con VI	1 Cuddy Turkey Farms	S. Earl	Nov. 2, 1964	4 1/2				"		Sand clay 23; clay 18; hardpan 186; gummy clay 225. Dry hole.
Con VI	12	R. Hudson	July 29, 1965	36	12	14	6	"	S	Sand 22. Water at 6.
Con VI	12	"	July 30, 1965	36	12	14	6	"	S	Sand 22. Water at 6.
Con VI	13 R. Robinson	"	Apr. 6, 1967	36	40	14	8	"	S	Sand 16. Water at 8.
Con VI	17 J. Nagle	R. Smith	May 4, 1966	2	10		30	"	D	Brown sand 4; sand clay 43; brown sand 46; grey black sand 50. Water from 44 to 50.
Con VI	23 F. Henderson	R. Hudson	Nov. 9, 1966	36	3	40	28	"	D, S	Sand 12; blue clay 28; sand 48. Water at 28.
Con VII	24 D. McLean	Hadco Well Drilling Ltd.	Apr. 25, 1967	36	3	20	10	"	D, S	Topsoil 1; grey brown sand 4; yellow brown sand 6; grey sand 12; grey sandy marl 20; grey marl 28. Water at 12 and 20.
Con VII	5 C. Maes	"	Dec. 1, 1965	27 1/2	1		12	"	D	Topsoil 2; sand 27; blue clay 30. Water at 8.
Con VII	19 M. Brown	R. Hudson	Mar. 10, 1967	36	2	25	10	"	S	Sand 60; clay 160; sand 180. Water at 180.
Con VII	3 M. Yseter	Dolphin & Earl	Jan. 15, 1964	4	1	170	4 1/2	"	D, S	Fine sand 32. Water at 19.
Con VIII	11 P. Reppenheimer	R. Hudson	Dec. 4, 1967	36	3	28	19	"	D	Sand 8; brown sand 28; fine brown sand 42. Water from 25 to 42.
Con VIII	15 N. Avecke	R. Smith	Apr. 15, 1965	5 1/2	10	24	22	"	D, S	Sand 8; brown sand 28; fine brown sand 36; sand 41. Water at 28.
Con VIII	17 A. Crawford	"	Oct. 17, 1964	1 1/2	5		14	"	D	Topsoil 1; brown clay 15; white sand 19; brown quicksand 30. Water at 19.
Con VIII	23 O. Skinner	J. Weaver & Son	Oct. 17, 1964	1 1/2	5		14	"	D	Topsoil 1; brown clay 15; white sand 19; brown quicksand 30. Water at 19.
Con IX	32 J. Drabbant	R. Smith	July 29, 1966	5	2	180	30	"	N	Brown clay sand 15; silty brown sand 22; fine silty sand 25; blue clay 173; hardpan 176; coarse gravel silty sand clay 180. Water at 25 and 180.

\* See end of Appendix C for the meanings of abbreviations and symbols.



MIDDLESEX COUNTY - cont.

Caradoc Fwp. - Con IX Con IX	8 12	M. Drebbant Strathroy PUC	R. Smith International Water Supply Ltd.	Aug. 8, 1966 Aug. 18, 1967	11- 2	5 25	18	15 11	Fresh "	D, S T 17-67	Sand 1; brown clay 14; grey sand 19. Water from 14 to 19. Red sand brown clay 6; fine brown sand 63; sort grey clay silt. Sand streaked ill; grey clay sandy streaked 217; bedrock. Water from 6 to 63. Topsoil 3; sand clay 5; sand 40; sandy silt 65. Water from 40 to 65.
Con IX	15	"	Faulkner Well Drlg.	Sep. 8, 1967	6 1/2	40		40	"	T 7-67	Sand 10; clay 18; sand 36; sand 44. Water from 22 to 44. Sandy brown clay 12; brown sand 35; silt 73; blue clay 156; clay stones 165; clay 205; hardpan 210; Hamilton shale 220; very hard shale. Water from 20 to 35. Sandy clay 2; brown clay 15; dirty fine brown clay 31; brown sand 40; fine grey sand clay 41 1/2. Water from 31 to 40. Clay 30; brown sand 46; sand 53. Water from 46 to 53. Brown clay 28; blue clay 32; fine sand 40; sand 48. Water at 40. Brown clay 16; blue clay 22; sandy brown clay 38; brown sand 44; silt. Sand 97; stony brown clay 158; blue clay 198; dirty gravel 201. Water from 198 to 201.
Con IX	17	C. Polens M. Cuddy	R. Smith "	Oct. 4, 1966 Feb. 24, 1967	4 5 1/2	10 26		22	Sulphur Gas	D, S N	Silty brown clay 12; blue clay 25. Dry hole. Topsoil 2; grey clay 32; fine sand 35; grey clay 105; fine sand silt 115. Dry hole.
Con X	20	"	"	Mar. 1, 1967	4	12	21	18	Fresh	D, S	Topsoil 1 1/2; brown clay 10; blue clay 18; blue sand 22; blue clay 40- Water at 20. Sand 5; sandy blue clay 20. Dry hole.
Con X	22	G. Stoner	"	July 29, 1964	5	7	55	39	"	D	Sand 14; blue clay 17 1/2. Water at 14. Sand 10; quicksand 17. Water at 10.
Con X	23	A. Conkey	"	Nov. 4, 1964	2	9		30	"	D	Topsoil 1 1/2; sand 18; blue clay 22; blue sand 24; blue clay 25. Water at 14 and 23.
Con X	23	L. Muma	"	Mar. 1, 1965	5 1/2	5	190	40	"	D	Sandy clay 18. Water at 8. Topsoil 2; brown sandy clay 9; gravel 10; blue clay 20. Water at 10 to 170.
Con X	24	R. Kueken	Dolphin & Earl	Oct. 24, 1964	4	4	60	40	"	D	Sand 4; gravel 10; blue clay 16. Water at 7. Dry hole. Brown sand 12; sandy clay 30; grey sand 34.
LRN Range I	2	R. Carruthers	R. Hudson	Oct. 12, 1966	4 1/2						Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	8	E. Stover	R. Lather	Dec. 7, 1966	4	3	38	18	Fresh	D	Topsoil 2; sand 18; blue clay 22; blue sand 24; blue clay 25. Water at 14 and 23.
LRN Range I	8	"	Hadco Well Digging & Drlg. Ltd.	June 5, 1967	30	3					Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	19	R. O'Neill	R. Hudson	May 21, 1964	36						Topsoil 2; sand 18; blue clay 22; blue sand 24; blue clay 25. Water at 14 and 23.
LRN Range I	19	K. Charlton	"	Sep. 21, 1966	36	16		14	"	D	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	21	B. Martin	"	Sep. 22, 1966	36	12		10	"	D	Topsoil 2; sand 18; blue clay 22; blue sand 24; blue clay 25. Water at 14 and 23.
LRN Range I	21	J. Baxter	Hadco Well Drlg. & Digging Ltd.	July 6, 1967	30	4	25	14	"	D	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	21	R. Thompson	R. Hudson	June 5, 1964	36	14		8	"	D	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	22	J. Thompson	Hadco Well Drlg. Digging Ltd.	July 10, 1964	30	5	20	10	"	D	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	23	S. Pearson	R. Hudson	May 6, 1964	36	2	14	7	"	D	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	23	A. Penfold	Hadco Well Digging Ltd.	Sep. 27, 1965	30						Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	23	"	"	Apr. 4, 1967	30	1 1/2		8	"	D	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	24	C. Maton	W. Dale	Mar. 16, 1964	5	4	150	60	Sulphur	N	Topsoil 2; sand 18; blue clay 22; blue sand 24; blue clay 25. Water at 14 and 23.
LRN Range I	24	"	R. Hudson	Mar. 25, 1964	36						Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	3	S. Richards	R. Dolphin	Mar. 24, 1964	4	1	175	35	Fresh "	D, S	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	6	C. Humphrey	R. Hudson	July 14, 1964	36						Topsoil 2; sand 18; blue clay 22; blue sand 24; blue clay 25. Water at 14 and 23.
LRN Range I	8	L. McCall	R. Dolphin	May 11, 1964							Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	13	J. Robinson	R. Hudson	Aug. 31, 1967	36	1 1/2	26	8	Fresh "	D	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	14	H. Hetzel	"	Oct. 14, 1966	36	5	16	10	D, S		Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Caradoc Twp. - cont. IRS Range I lot 23		J. Carroll	R. Hudson	Dec. 15, 1966	36	33	12	Fresh	D	Sand 12; quicksand 15; blue clay 38. water at 12.
		Deweerd Bros.	"	Sep. 8, 1966						Blue clay 65. Dry hole.
		E. Dean	R. Smith	Jan. 15, 1964	7	12	41	"	D, S	Sandy clay 40; gravel stones hardpan streaks 208; coarse sand 212. Water at 208.
Caradoc Indian Reserve No. 42. IRS Range II lot 17 IRS Range II lot 20		A. Corn	R. Hudson	July 20, 1966	36	1	40	"	D	Silty clay 35; quicksand 42. Water at 35.
		J. Benkema	R. Smith	Dec. 29, 1966			25	"	N	Sandy clay 20; blue clay 100; clay stones 160; Hamilton shale 235. Dry hole.
Delaware Twp. Con D		lot 2 G. Webster	I. Lounsbury	Aug. 13, 1965	5			Sulphur	N	Gravel 11; blue clay 40; grey sand 52; blue clay 62; gravel 80; hardpan 87; gravel. Water at 87.
		" 5 G. Noyes	Hacco Well Digging Ltd.	July 24, 1964	30	2	16	Fresh	D	Topsoil 1; brown clay 7; brown sand 10; blue clay 16; blue sand 22; blue clay 23; blue sand 30. Water at 16 and 23.
		" 5 W. Manicom	R. Hudson	Aug. 24, 1964	36	2	10	"	D	Topsoil 1; gravel 8; blue clay 13. Water at 5.
		" 5 W. Johnson	Hacco Well Digging Ltd.	Aug. 12, 1965	30	2	20	"	D	Water sand 6; brown clay 10; brown sand 20; brown sand 28.
Con D.		" 6 J. Roes	R. Hudson	Oct. 25, 1965	36	1	30	"	D	Water at 20.
		" 11 H. Nieser	"	July 21, 1966	36	14	22	"	D	Blue clay 15; sandy clay 32. Water at 22.
Con I		lot 2 C. Gubbels	W. Dale	June 1, 1967	7	60	43	"	N	Sand 4; blue clay 15. Water at 4.
							40	"		Sand 29; sand gravel 33; dirty clay gravel 50; fine sand 57; grey clay sand 97; silty sand 129; blue clay 151; blue soft clay 161; grey clay pebbles 179; grey shale 187; limestone 265. Water at 199 and from 259 to 262.
Con I		" 5 G. Ireland	Hacco Well Digging Ltd.	Sep. 22, 1964	30	2	18	"	D	Top soil 1; brown clay 9; brown sand 26. Water at 18.
		" 5 J. McIntosh	"	Sep. 27, 1965	30	1	11	"	D	Sandy clay 23; grey sand 28. Water from 23 to 28.
Con I		" 6 J. Dickson	"	Aug. 31, 1965	30	2	12	"	D	Brown sand 8; grey sand 12; brown marl 14; grey blue marl 24; grey clay 26. Water at 12.
		" 9 H. Rhoades	"	Nov. 15, 1966	30	2	8	"	D, S	Topsoil 1; brown sand 9; gravel 11; blue clay 25. Water at 9.
Con I		" 10 R. Orpoko	W. Dale	Sep. 22, 1966	5	3	30	"		Water sand 4; grey clay 11; blue clay 42; soft blue clay 56; blue clay 101; blue clay small stones 147; muddy sand gravel 149. Water from 147 to 149.
							40	"		Topsoil 1; brown clay 10; blue clay 40. Dry hole.
Con I		" 12 S. Seputis	R. Hudson	May 6, 1964	5	6	61	2	D	Brown clay 8; brown clay stones 58; blue clay 142; sand gravel 145. Water from 142 to 145.
		" 12 G. Norman	W. Dale	Sep. 21, 1964			7			Blue clay 42. Dry hole.
Con I		" 12 G. Norman	R. Hudson	Sep. 23, 1964						Grey clay 120; grey clay gravel 150; rock. Dry hole.
		" 12 K. Edwards	D. Lougheed	Nov. 12, 1964	6 1/2	3	125	sulphur	D	Brown clay 16; blue clay sand 94; sand boulders 110; green clay hardpan 115; sand gravel 124; blue sand gravel 125; rock. Water at 125.
Con I		" 12 K. Edwards	Hacco Well Digging Ltd.	Dec. 10, 1964	30					Topsoil 1; clay 136; sand 164; clay gravel 165. Water at 165.
		" 12 S. Seputis	N. Gilbert	Apr. 28, 1966	6 1/2	5	50	Fresh	D	Fine sand 29; sandy clay 142; dark brown limestone 165; gravel 166. Water at 165.
Con II		" 12 R. Neillands	M. Jones	Dec. 2, 1964	5	6	90	"	D	Dug well 25; silty sand 40; coarse sand 47. Water from 40 to 47.
		" 6 D. Patrick	"	Feb. 1, 1967	4	12	25	"	D	

MIDDLESEX COUNTY - cont.  
Delaware Twp. - cont.

Con	Delaware Twp.	Lot	7	Wood Lynn Farms	Hedco Well	Digging Ltd.	R. Hudson	Aug. 12, 1965	30	1	14	Fresh	S	Drill	Notes
Con III	"	"	"	A. J. Brown	"	"	"	Nov. 20, 1965	36	1	12	"	D	"	Brown clay sand fill 4; brown clay 8; grey clay 14; grey sand 24; grey clay 35. Water at 14.
Con III	"	"	"	A. J. Brown	"	"	"	Dec. 13, 1966	36	3	14	"	D	"	Brown sandy clay 14; fine sand 34. Water at 9.
Con III	"	"	"	B. A. George	"	"	"	Dec. 16, 1966	36	2	12	"	D	"	Gravel 16; blue clay 30. Water at 12.
Con III	"	"	"	B. L. Slaver	"	"	"	Jan. 21, 1967	5	20	58	"	D	"	Sandy clay 16; blue clay 40; sandy clay 96; silty sand 108; coarse sand 117. Water from 110 to 117.
Con III	"	"	"	C. C. Patterson	"	"	"	July 2, 1964	4	3	158	"	D, S	"	Topsoil 2; red sand 14; hard sand 52; silt 78; blue stony clay 13; hardpan 152; gravel 158. Water at 152.
Con III	"	"	"	M. Williams	"	"	"	Dec. 29, 1967	5	2	110	"	D	"	Sand 38; muddy sand 43; blue clay 76; grey clay gravel 125; fine sand 129; clay 130. Water from 125 to 129.
Con III	"	"	"	S. Howlett	"	"	"	Feb. 14, 1964	4	3	130	"	D, S	"	Yellow clay 20; blue clay stones 157; sand 158; hardpan boulders 217; gravel sand 220. Water from 217 to 220.
Con III	"	"	"	S. Race	"	"	"	July 10, 1964	36	2	25	"	S, D	"	Sand 4; blue clay 20; gravel 28. Water at 21.
Con IV	"	"	"	C. C. Fonger	"	"	"	Aug. 19, 1964	5			"	N	"	Topsoil 1; red clay 12; clay boulders 28; sand 42; sandy clay 65; blue clay 163; gravel hardpan 206; silty gravel sand 216; blue clay 227; gravel hardpan 243; brown shale 245. Water from 206 to 216.
Con IV	"	"	"	C. C. Fonger	"	"	"	Nov. 5, 1964	5	4 1/2	120	Fresh	D, S	"	Topsoil 2; red clay 8; gravel hardpan 40; sand 10; brown clay 95; silt 105; gravel hardpan 115; gravel 126. Water at 125.
Con IV	"	"	"	C. E. Field	"	"	"	Feb. 8, 1967	5	10	50	"	D	"	Sandy clay 42; coarse sand 42 1/2; fine sand 55; coarse sand 60. Water from 55 to 60.
Con IV	"	"	"	D. C. Hunt	"	"	"	Feb. 6, 1964	5	4	105	"	D	"	Black topsoil 2; yellow clay 25; hard brown sand 65; blue clay 95; hardpan 99; brown sand 103; hardpan stones 167; gravel 168; hardpan 172; gravel 178. Water from 167 to 168 and from 172 to 178.
Con IV	"	"	"	D. M. Wallace	"	"	"	July 14, 1964	5	3	180	"	D	"	Brown sandy soil 55; blue clay 70; fine grey sand 85; hardpan 95; hard sand clay mixed 135; hardpan 195; gravel 212. Water from 195 to 212.
Con IV	"	"	"	D. W. Absolon	"	"	"	July 20, 1965	5	10	145	Sulphur	D	"	Stony brown clay 20; sandy brown clay 35; brown sand 115; sandy clay hard streaks 172; gravelly brown clay 280; shale 280. Water at 280.
Con IV	"	"	"	L. B. Elviage	"	"	"	Aug. 5, 1964	5	8	65	Fresh	D	"	Sort clay 50; fine sand 66; soft yellow clay 80; sandy clay 90; soft clay 120; fine sand 139; sandy clay 190; coarse sand 193. Water at 190.
Con IV	"	"	"	L. B. Sandford	"	"	"	Sep. 15, 1965	5	8	110	"	D	"	Dug well 38; conglomerate 45; gravel 75; sand 125; sand 138; gravel 141. Water from 125 to 141.
Con IV	"	"	"	L. J. Murphy	"	"	"	Sep. 15, 1965	5 1/2		50	Sulphur	"	"	Topsoil 1; brown clay 15; sand gravel 87; grey clay 135; hardpan clay 200; gravel 205; grey clay 218; gravel 223; black rock 225. Water at 223.
Con IV	"	"	"	L. J. Murphy	"	"	"	Sep. 18, 1967	5	4	105	Fresh	D	"	Topsoil 1; brown clay 15; sand gravel 95; blue clay 96; gravel 105; blue clay 106; sand gravel 110; fine gravel 120. Water at 112.
Con IV	"	"	"	L. R. Voxman	"	"	"	Dec. 10, 1967	5	12	55	"	D	"	Brown clay 21; brown clay sand mud 65; brown sand clay 86; brown sand 118; sand 129. Water at 118.
Con IV	"	"	"	R. McEwan	"	"	"	Oct. 30, 1964	5	4	51	"	D	"	Brown sandy topsoil 3; gravel 20; sand 103; gravel 108. Water from 103 to 108.
Con IV	"	"	"	J. Moore	"	"	"	Aug. 17, 1965	5	7	105	"	D	"	Brown sand 11; clay 15; gravel 45; sand 130; sand 137; gravel 140. Water from 130 to 140.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations entered below the surface are given in feet)										
MIDDLESEX COUNTY - cont. Delaware Twp. - cont.										
Con IV	" 4 J. Michiels	R. Smith	Aug. 23, 1966	5	12	34	30	"	D	Brown clay 8; blue clay 45; hardpan 50; gravel 51; fine sand clay 55; water at 51.
Con IV	" 6 R. Whitney	R. Hudson	Sept. 25, 1965	36	4	35	25	"	D	Shale 1; blue clay 3; sand 35. Water at 35.
Con IV	" 6 A. Reimers	"	Oct. 22, 1966	36	3	23	22	"	D	Sand 3; blue clay 20; sand 27; blue clay 30. Water at 22.
Con IV	" 12 Pack Farms	W. Dale	Apr. 9, 1966	7	8	132	47	"	S	Fill 3; brown clay 12; gravel 170; blue clay 147; gray clay gravel 167; first shale 170. Water from 167 to 170.
Con IV	" 21 L. Baker	I. Lounsbury	Oct. 14, 1964	5	1 1/2	220	21	"	D	Fill 3; yellow clay 10; blue clay 243; hardpan 248; fine sand gravel 250. Water from 248 to 250.
Con IV	" 21 J. Baker	"	Mar. 19, 1965	5				"	D	Topsoil 2; yellow clay 18; blue clay 250. Dry hole.
Con IV	" 21 J. Baker	"	July 14, 1965					"	D	Brown clay 65. Dry hole.
East Williams Twp.										
Con I	" 9 K. McCallum	R. Hudson	Dec. 8, 1964	36	10	30	18	Fresh	D, S	Brown clay 18; fine sand 36. Water at 18.
Con I	" 10 E. McCallum	"	Sept. 17, 1966	36	5	22	16	"	S	Brown clay 1; sand 33. Water at 16.
Con I	" 21 S. Robson	R. Smith	June 1, 1965	5 1/2	10	40	20	"	S	Brown clay 1; blue clay 50; blue clay sand 70; black shale. Water at 70.
Con I	" 29 L. Allen	R. Hudson	July 9, 1966	36	25	27	21	"	D, S	Yellow clay 11; blue clay 26; gravel 29. Water at 26.
Con II	" 17 R. Campbell	R. Smith	May 10, 1967	5	8	290	175	Sulphur	D, S	Stony brown clay 21; boulders 24; stony blue clay 75; blue clay 208; gravelly brown clay 112; stony blue clay 159; limestone 200. Water at 300.
Con II	" 20 Mairn Wannonite Church	R. Hudson	June 12, 1966	36	1	25	19	Fresh	D	Brown clay 15; fine sand 29. Water at 15.
Con III	" 13 K. Rose	"	Oct. 30, 1965	36	5	30	20	"	D, S	Brown clay 20; sand 36. Water at 25.
Con IV	" 4 C. Barnister	"	Aug. 20, 1964	36	1	14	8	"	D	Brown clay 10; sand 12; blue clay 20. Water at 10.
Con IV	" 6 H. Devloust	R. Smith	Nov. 25, 1965	5	10	165	90	Sulphur	D, S	Brown clay 15; gravelly brown clay 28; blue clay 75; blue clay streaks silty sand 130; blue clay 171; stony blue clay 178; rock 184. Water at 184.
Con IV	" 9 J. Stewart	R. Hudson	Oct. 29, 1965	36	1 1/2	50	38	Fresh	D, S	Brown clay 10; blue clay 52; fine sand 62. Water at 52.
Con IV	" 16 W. Schlegel	A. Heal	June 1, 1965	36	1	15	8	"	D, S	Brown clay 8; sand 12; blue clay 178. Water at 8.
Con IV	" 17 G. Nordenman	"	July 1, 1965	5	4	180	166	Sulphur	D, S	Yellow topsoil 8; sandy clay 8; clay 55; loose limestone 105; gritty clay 112; sand 117; gritty clay 118; dark limestone 131; gritty clay 134; grey limestone 246. Water at 242.
Con IV	" 19 Dr. W. Boyce	R. Hudson	Aug. 16, 1967	36	1	40	36	Fresh	D	Brown clay 15; blue clay 40; fine sand 48. Water at 40.
Con VI	" 11 W. DeJong	"	May 8, 1964	36				"	D	Brown clay 1; sandy blue clay 42; dry hole.
Con VII	" 3 A. Pedden	A. Heal	May 26, 1967	4	3	84	4	"	D, S	Yellow topsoil 16; blue clay 76; sand 84; clay 85. Water from 76 to 84.
Con VII	" 5	"	Apr. 29, 1965	4	2	65		"	D, S	Topsoil gravelly clay 20; blue clay 62; fine sand 67; sandy clay 69. Water from 62 to 67.
Con IX	" 10 K. McGregor	R. Smith	Sept. 28, 1965	5	3	80	18	"	D, S	Blue clay 18; blue clay 83; fine sand 105; silty sand 115. Water at 83.
Con IX	" 10	"	Oct. 20, 1965	5			60	Sulphur	N	Brown clay 18; blue clay 83; sand clay 100; clay 111; sand clay 174; hardpan 182; rock 182; clay 193; brown limestone 197. Water at 197.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.									
East Williams Twp. - cont.									
Con XI	lot 20 Nairn Mennonite Church Farm	R. Hudson	Nov. 10, 1966	36	1	22	12	Fresh	S
Con XIV	" 9 K. MacLachlan	A. Heal	Sep. 23, 1966	5	4	220	118	Sulphur	D, S
Con XV	" 10 A. Vandenboc-gaard	R. Hudson	Aug. 19, 1965	36	1	20	12	Fresh	D, S
Con XVI	" 4 L. Kennes	"	May 27, 1966	36	4	22	8	"	D, S
Con XVI	" 6 T. Willese	A. Heal	July 10, 1965	54	4	170	150	"	D, S
Con XVII	" 25 B. Jamieson	R. Hudson	June 2, 1967	36	1	50	42	"	D
Con XVII	" 25 L. Both	"	July 8, 1967	36	2	10	3	"	D
Con XVII	" 26 D. Zehr	"	Nov. 13, 1964	36	2	10	3	"	D
Con XVII	" 26 L. Bender	W. Dale	Jan. 1, 1965	5	9	185	185	"	S
Con XVII	" 26 Nairn Park Farms	R. Hudson	Nov. 11, 1966	36	25	8	3	"	D, S
Con XVIII	" 3 A. Hord	A. Heal	Oct. 29, 1964	4	3	160	125	Sulphur	D, S
Con XVIII	" 25 Boy's Farm	R. Smith	July 15, 1964	5	9	180	180	"	D, S
Con XIX	" 16 D. Hughes	A. Heal	June 5, 1964	5	3	66	30	Fresh	D
Con XIX	" 18 P. Bunnett	R. Hudson	June 7, 1967	44	4	30	12	"	D, S
Con XX	" 34 S. Hill	"	Mar. 2, 1965	36	4	30	12	"	D, S
Ekfrid Twp.									
Gore	lot 22 G. Nagy	Hadco Well Digging Ltd.	Oct. 22, 1965	30	1	10	10	Fresh	D
Gore	" 23 Glencoe PUC	R. Dolphin	Aug. 19, 1964	7	30	32	19	"	P
Gore	" 24 "	"	Aug. 12, 1964	7	30	36	26	"	P
Con I	" 1 S. Beattie	J. Weaver & Son	July 7, 1964	11	6	30	30	"	S
Con I	" 9 A. & M. Sod Supplies	R. Smith	July 16, 1965	54	4	145	30	"	C
Con I	" 12 Twp of Ekfrid	R. Hudson	Sep. 15, 1966	36	1	10	6	"	P
Con I	" 12 "	"	Sep. 16, 1966	36	1	16	7	"	P
Con I	" 12 "	"	Sep. 17, 1966	36	4	30	18	"	D
Con I	" 13 M. Jeffery	R. Lather	Dec. 22, 1966	4	5	30	30	"	D
Con I	" 14 H. McGuffin	M. Jones	Aug. 10, 1966	5	15	38	37	"	D, S

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Exrid Twp. - cont.										
Con I lot 18	C. Rudavsky	R. Lather	Aug. 17, 1966	4	3	60	43	Fresh	D	Clay 100; hardpan 110; sand clay 123; hardpan 153; limestone 157. Water at 157.
Con I	P. Puspoky	R. Dolphin	July 13, 1964							Yellow clay 11; blue clay 120; hardpan clay gravel 140; top rock 164; top soapstone 165. Dry hole.
Con II	D. Morritt	M. Jones	May 17, 1966	5	8	55	10	Fresh	D	Blue clay 8; sandy clay 84; fine sand 88; coarse sand 89. Water from 88 to 89.
Con II	Middlesex Turkey Farm	R. Smith	Sep. 10, 1965	5½	16	46	35	"	S	Sandy brown clay 12; muddy brown sand 35; blue clay 54; hardpan 60; muddy sand 63; coarse sand 67; gravel clay 73. Water from 63 to 67.
Con II	J. Huston	R. Hudson	Oct. 10, 1966	36	½	20	15	"	D, S	Fine sand 21. Water at 15.
Con II	H. Gantz	R. Dolphin & Earl	Apr. 14, 1965							Sand 10; soft blue clay 55; sand clay 115; blue clay hardpan 181; top rock 220; top soapstone 221. Dry hole.
Con II	R. Lotan	R. Hudson	Oct. 11, 1966	44						Blue clay 25. Dry hole.
Con II	A. May	R. Lather	May 5, 1967	4	112	2	22	"	D	Gray clay 45; fine sand 85; gray clay 137; hardpan 146; top rock 146. Water at 146.
Con II	F. O'Shaughnessy	R. Hudson	June 24, 1966	36	10	16	7	"	D	Brown clay 6; gravel 10; blue clay 18. Water at 8.
Con III	E. Remy	Dolphin & Earl	Jan. 20, 1964	4						Sand 30; clay 166; hardpan 168; dark rock 170; soapstone. Dry hole
Con III	L. Butler	R. Lather	Oct. 14, 1966	4	2	55	24	"	D	Sand 18; clay sand 58; hardpan 59; sand gravel 60. Water from 57 to 60.
Con III	J. Davis	Dolphin & Earl	Jan. 30, 1964		½	146	7	"		Sand topsoil 12; blue clay 70; hardpan 74; blue clay 128; hardpan 140; top rock 146. Water at 74, 130 and 140.
Con III	"	"	Feb. 6, 1964	4	1	100	14	"	D, S	Sand loam 3; red clay 12; blue clay 92; hardpan 96; blue clay 128; hardpan 134; hard rock 136. Water at 136.
Con III	J. Johnson	A. Heal	July 20, 1964	4	3	55	20	"	D, S	Yellow topsoil 15; blue clay 47; sand 55. Water from 47 to 55.
Con III	K. McEachren	R. Lather	Aug. 8, 1966	4	1	75	30	"	D	Clay 14; hardpan 175; fine gravel sand. Water at 155 and 175.
Con IV	N. Engouschi	R. Smith	Feb. 2, 1966	5	10	18	16	"	D	Brown clay stones 18; blue clay 25; gravelly brown clay 86; coarse sand 89. Water at 86.
Con IV	B. Roemmele	Dolphin & Earl	Jan. 24, 1964	4						Sandy clay 26; gray clay 162; hardpan 166; dark gray rock 169. Dry hole.
Con IV	L. Kettlwell	Hedco Well Digging Ltd.	Sep. 23, 1964	30	2	63	54	Fresh	D, S	Topsoil ½; brown sand 8; blue clay 53; gravel 57; blue clay 64. Water at 53.
Con IV	H. Fletcher	R. Dolphin	Sep. 25, 1964	4	6	23	23	"	D	Yellow clay sand 10; blue clay 118; hardpan gravel 120; gray top rock 121. Water from 118 to 120.
Con V	D. Delmar	Dolphin & Earl	Feb. 3, 1964	4	1	100	7	"	D, S	Sand 19; gray clay 116; gravel 118. Water at 116.
Con V	H. Fuhrmann	M. Jones	June 29, 1966	5	8	60	22	"	D	Sandy loam 11; coarse sand 13; blue clay 34; fine sand 36; sandy clay 90; blue clay 93; black sand 100; coarse brown sand 104. Water from 34 to 36 and at 104.
LEN Range I	K. McPadden	R. Hudson	July 18, 1966	36						Sandy 9; blue clay 30. Dry hole.
LEN Range I	P. Pettit	"	July 18, 1966	36						Sandy clay 9; blue clay 22. Dry hole.
LEN Range I	J. Brezau	"	June 22, 1967	36			6	Fresh	D	Gray clay 158; salt 160; hardpan 176; gray shale 237; lime shell 239; gray shale 294; limestone shale 316. Dry hole.
LEN Range I	G. Brodie	R. Lather	Oct. 6, 1966	4						Blue clay 30. Dry hole.
LEN Range I	J. Chamberlain	R. Hudson	June 23, 1967	36	10	22	7	"	D	Clay 160; hardpan 169; gravel 172. Water at 169.
LEN Range I	D. Willey	S. Earl	Sep. 12, 1967	4½	140	140	5	"	D	Clay 123; hardpan 143; gray shale 165. Water at 142.
LEN Range I	L. Burfe	"	Sep. 7, 1967	4½	½		41	"	N	Clay 117; hardpan 140; gray shale 155. Dry hole.
LEN Range II	"	"	Sep. 10, 1967	4½						Blue clay 57. Dry hole.
LEN Range II	T. Ward	R. Hudson	Sep. 19, 1966							Sandy clay 15; blue clay 52; quicksand 57. Water at 52.
LEN Range II	J. Jeffery	"	Sep. 15, 1966	36	10	40	27	"	D, S	

\* See end of Appendix C for the meanings of abbreviations and symbols.



MIDDLESEX COUNTY - cont.

Exford Twp. - cont.

LRN Range II	lot 12	Newin Poultry Farms Ltd.	R. Lather	June 17, 1967	4	5	140	43	Fresh	D	Red clay 38; fine grey sand 48; grey clay 141; fine sand 143; hardpan 240; sand gravel 248. Water from 240 to 248.
LRN Range II	"	19 B. Kennedy	Dolphin & Earl	June 2, 1964	4	1	160	31	"	D, S	Clay 110; hardpan 148; grey rock 165. Water from 163 to 165.
LRN Range II	"	23 S. Mericoas	"	Aug. 29, 1964	4	2	140	19	"	D	Yellow clay 5; blue clay 100; hardpan 125; grey top rock 155. Water at 140.
LRN Range II	"	24 Glencoe FUC	"	Aug. 5, 1964	7	24	32	22	"	P	Yellow clay 15; blue clay 85; hardpan 110; gravel 115. Water from 105 to 115.
LRN Range I	"	1 P. Cundey	R. Hudson	Aug. 24, 1964	36				"		Brown clay 10; blue clay 18. Dry hole.
LRN Range I	"	23 E. Hadler	W. Dale	July 29, 1965	7	20	78	62	"	D, S	Brown clay 8; yellow clay 32; blue clay 72; blue clay small stone 78; blue clay 110; cemented gravel 113; gravel 118; clay gravel 120. Water from 113 to 118.
LRN Range I	"	23	"	Oct. 19, 1967	7	23	69	54	"	S	Brown clay 18; blue clay 58; grey clay 118; grey clay gravel 134; gravel 139. Water from 134 to 139.
LRN Range II	"	23	"	Oct. 11, 1967	7				"		Brown clay 11; grey clay 24; blue clay 105; grey clay gravel 121; grey clay 126; hardpan 130; shale 154; limestone 157; soft grey shale 338. Hamilton shale 345. Dry hole.
LRN Range III	"	24 J. Dobie	W. Marsh	Sep. 27, 1965	4	5	130	28	Fresh	D, S	Previously drilled 14; gravel sand 14; hardpan 168; blue shale 172; top rock 180. Water from 160 to 165.
LRN Range IV	"	4 A. Peter	R. Hudson	Oct. 14, 1966	36	6	16	11	"	D, S	Sand 20; clay. Water at 11.
LRN Range IV	"	4 D. Greff	"	June 24, 1967	36	5	16	9	"	D, S	Gravel 20. Water at 9.
LRN Range IV	"	6 C. Mullins	R. Lather	Oct. 24, 1966	4	3	55	47	"	D	Sand 51; grey clay 80; clay stone 126; fine gravel 128. Water at 126.
LRN Range IV	"	8 J. Meuse	W. Dale	Jan. 17, 1964					"		Sand 4; grey clay 119; grey clay 119; grey clay gravel 154; Hamilton shale 268; black shale 287; limestone 303. Dry hole.
LRN Range IV	"	9 D. Murray	Dolphin & Earl	Nov. 23, 1965	4	3		6	Sulphur	D, S	Sand 6; blue clay 150; hardpan stones 163; top rock 175. Dry hole.
LRN Range IV	"	14 J. Alster	"	Aug. 15, 1964	4				"		Sand stones 20; clay 150; hardpan stones 175; grey rock 181.
LRN Range V	"	9 D. Murray	"	Nov. 30, 1965	4	12	40	32	Fresh	D, S	Sand 4; gravel 6; blue clay 84; fine gravel sand 94. Water from 84 to 88.

Glencoe Village

Town of Glencoe				July 2, 1964							Yellow clay 15; blue clay 125; hardpan 150; gravel 152; rock 161; soapstone 170. Water at 150.
"				July 9, 1964	3			120	Fresh	T	Yellow clay 15; blue clay 120; silty clay 135; hardpan 158; hard top rock 164; soft top rock 210; soapstone 215. Water at 158.
Lobo Twp.				June 3, 1964	5 1/2	3	80	60	Fresh	D	Topsoil 5; sand 35; clay stones 60; sand clay 142; sand 143. Water at 142.
Con I	lot 7	D. Black	E. Hoover & Son	Dec. 5, 1964	5	15	48	32	"	D	Dug well 10; stones clay 32; gravelly blue clay 46; hardpan 84; coarse sand 90. Water at 84.
Con I	"	10 G. Baer	R. Smith	Dec. 28, 1964	36	5	32	28	"	D	Sand gravel 34. Water at 28.
Con I	"	10 P. Varley	R. Hudson	Oct. 26, 1966	5	4 1/2	84	30	"	D	Brown clay stone 18; brown clay 26; clay stones 80; hardpan 83; gravel fine sand 87. Water from 83 to 87.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Lobo Twp. - cont.										
Con I	lot 10 F.Cook	R.Smith	Aug. 3, 1965	5	4	85	35	Fresh	D	Stony brown clay boulders 18; gravelly blue clay 79; muddy sand 81; hardpan 85; coarse sand 90. Water from 85 to 90.
Con I	"	"	Nov. 25, 1966	5	15		30	"	D	Brown clay 18; blue clay stones 50; hardpan 89; dirty gravel 91; clay stone 95. Water from 89 to 91.
Con I	"	R.Hudson	May 31, 1965	36	25	20	16	"	D	Sand big stone 23. Water at 16.
Con I	10 O. Dekwaasteniet	Hadco Well Digging Ltd.	Dec. 30, 1966	5 1/2	9	65	50	"	D	Gravel fill topsoil 5; brown clay 17; blue clay rocks 20; blue clay boulders 92; gravel 95. Water at 92.
Con I	"	R.Hudson	Apr. 11, 1967	36	3	9	2	"	D	Brown clay 3; quicksand 6; gravel big stones 9 1/2. Water at 6.
Con I	10 A. Sori	"	Apr. 11, 1967	36	2	14	9	"	D	Big stones 8; clay 10; gravel mixed blue clay 15. Water at 10.
Con I	10 B. Olsen	"	Apr. 11, 1967	36	1 1/2	12 1/2	9	"	D	Sand 9; gravel big stones 12 1/2. Water at 9.
Con I	10 E. Purdas	Hadco Well Drigs. & Digging Ltd.	Nov. 1, 1967	5	5	65	35	"	D	Gravel boulders 4; gravel clay 1 1/2; blue clay 8 1/2; gravel 95. Water at 95.
Con I	10 R. Hobbs	"	Sep. 19, 1967	5	8	90	70	"	D	Sand boulders 24; blue clay 30; rocks sand 35; blue clay rocks 65; gravel 95; blue clay 98; sand gravel 115. Water at 105.
Con I	10 R. Wager	R.Smith	Apr. 25, 1967	5	7	86	45	"	D	Brown clay stones 15; gravelly blue clay 25; stones 28; gravelly blue clay 64; stones 68; gravelly blue clay 87; coarse sand 92. Water at 87.
Con IJ	5 M. VanMeyel	D. Loughheed	Apr. 9, 1964	5	10	47	16	"	D	Dirty sand gravel 27; fine sand 94; cemented gravel 125; coarse sand fine gravel 128. Water from 125 to 128.
Con II	5 C. Craven	"	Apr. 19, 1964	5	9	42	16	"	D	Dirty sand gravel 27; sandy clay 62; fine sand 80; clay 97; dirty sand gravel 127; coarse sand fine gravel 130. Water from 127 to 130.
Con II	5 F. Rhiger	W. Dale	Dec. 3, 1966	5	2 1/2	72	32	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; sand 152. Water from 150 to 152.
Con II	"	"	Feb. 10, 1967	5	3	153	26	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; silty sand 152; grey clay gravel 214; cemented gravel 218; grey shale 224. Water from 220 to 224.
Con II	5 P. Vanderploeg	R.Hudson	Apr. 4, 1967	36	20	16	10	"	D	Gravel 16; clay. Water at 10.
Con II	5 W. McGibbon	Hadco Well Drig. & Digging Ltd.	Apr. 5, 1967	5	10	30	10	"	D	Sand gravel 35; blue clay 50; sand gravel 100; gravel 102. Water at 102.
Con II	8 A. Raddick	R.Hudson	June 19, 1967	36	10	15	10	"	D	Gravel 17 1/2; blue clay. Water at 10.
Con II	8 A. Oliver	"	June 20, 1967	36	10	15	10	"	D	Sand 12; sandy blue clay 22. Water at 10.
Con II	8 A. Ezmore	"	June 21, 1967	36	10	15	10	"	D	Gravel 17 1/2; blue clay. Water at 10.
Con II	5 P. Rhiger	W. Dale	Dec. 3, 1966	5	2 1/2	72	32	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; sand 152. Water from 150 to 152.
Con II	"	"	Feb. 10, 1967	5	3	153	26	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; silty sand 152; gravelly grey clay 214; cemented gravel 218; grey shale 224. Water from 220 to 224.
Con II	5 D. Welch	R.Hudson	Nov. 3, 1967	36	5	15	12	"	D	Gravel 12; sandy clay 20. Water at 12.
Con II	5 A. Johnson	"	Nov. 7, 1967	36	20	14	10	"	D	Gravel 15. Water at 10.
Con II	5 W. Fisher	"	Nov. 8, 1967	36	20	19	16	"	D	Gravel 15. Water at 16.
Con II	5 W. Everett	"	Nov. 9, 1967	36	5	14	8	"	D	Gravel 11; sandy clay 15. Water at 8.
Con II	5 W. McGibbon	"	Apr. 3, 1967	5	10	55	50	"	D	Sandy blue clay 30. Dry hole.
Con II	10 D. Ellis	R.Smith	Sep. 25, 1965	5	10	55	50	"	D	Gravelly brown clay 8; gravel 18; blue clay 27; stony blue clay 54; muddy gravel streaks clay 108; coarse sand 118. Water at 108.
Con II	13 J. Cross	R.Hudson	May 20, 1966	36	25	13	10	"	D	Gravel big stones 10; sand 14; clay. Water at 10.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

Lobo Twp. - cont.		Lobo Twp.		R. Smith		7	20	15	14	Fresh		P	Hard clay stones 10; gravel stones 22; gravel 31. Water at 22.	
Con III	lot	5	5	R. Smith		36	10	28	23	"	"	D	Sand 24; fine gravel 30. Water at 23.	
Con III	"	"	"	R. Hudson		36	14	25	14	"	"	D	Brown sandy clay 10; gravel clay 14; sand clay stones 29. Water at 14.	
Con III	"	"	"	"		36	3	45	35	"	"	D	Brown clay 10; blue clay 40; sand 5. Water at 40.	
Con III	"	"	"	"		36	3	10	6	"	"	P	Brown clay 3; sand 14. Water at 5.	
Con III	"	"	"	"		36	3	10	6	"	"	P	Clay 35; caving sand 45; clay 49; sand 56. Water from 49 to 56.	
Con III	"	"	"	Hadco Well Drile.		30	3	30	42	"	"	D	Topsoil 15; blue clay 35; hardpan 40; sand. Water at 40.	
Con XII	"	"	"	R. Hudson		36	50	30	10	"	"	D,S	Topsoil 31; quicksand 20. Water at 5.	
Con XII	"	"	"	"		36	2	10	5	"	"	D	Sandy clay 18; fine brown sand 65; fine grey sand 78; coarse sand 100. Water at 75.	
Con IV	"	"	"	R. Smith		5	15	26	24	"	"	D,S	Topsoil 3; brown clay 8; hardpan 11; brown clay hardpan 21; blue clay 58; blue clay stones 173; hardpan cemented gravel 195; gravel 200. Water at 200.	
Con IV	"	"	"	Hadco Well Drile. & Digging Ltd.		7	30	135	80	"	"	S	Blue clay 55; brown sandy clay 75; fine sand 98; blue clay 105; fine sand 115; blue clay 121; sandy clay 145; stony clay 203. Water at 115. Sandy. Dry hole.	
Con IV	"	"	"	M. Jones		5				"	"	N	Yellow clay 10; blue clay 81; sandy clay 98; blue clay 102; fine sand 115; sandy clay 114. Water from 100 to 112.	
Con IV	"	"	"	"		5	1	116	74	"	"	D	Brown clay 50; grey clay small stones 55; grey clay sand 98; cemented sand 114; grey clay 119. Water from 110 to 114.	
Con IV	"	"	"	W. Dale		4	9	90	45	"	"	S	Brown clay 20; blue sand 65; grey sand 87; sand clay 95; sand 101. Water at 87.	
Con IV	"	"	"	R. Smith		5				"	"	S	Sand 20; clay 90; sand 100. Water from 90 to 100.	
Con IV	"	"	"	Dolphin & Earl		4	5	25	32	"	"	D,S	Sand clay 65; clay 69; sand 73. Water from 69 to 73.	
Con IV	"	"	"	M. Jones		5	9	80	72	"	"	D	Yellow clay 88; fine sand 81; blue clay sand 104; coarse sand 105. Water at 105.	
Con IV	"	"	"	R. Dolphin & Earl		5				"	"	D	Yellow clay 12; blue clay 40; sand hardpan 104. Dry hole.	
Con IV	"	"	"	"		5				"	"	D	Yellow clay 12; blue clay 40; sandy hardpan 90; blue clay 94. Dry hole.	
Con IV	"	"	"	W. Dale		5	165	50	50	"	"	N	Brown clay 15; blue clay 25; soft blue clay 80; gravelly clay 105; clay sand 165; sandy clay 172. Water from 171 to 172.	
Con IV	"	"	"	"		5	10	52	40	"	"	D	Brown clay 15; blue clay 52; sand 55; sandy clay 56. Water from 52 to 55.	
Con IV	"	"	"	Dolphin & Earl		4	2	70	67	"	"	D	Sand boulders 5; yellow clay boulders 20; blue clay stones 65; sand 67; gravel 75. Water from 67 to 70.	
Con IV	"	"	"	"		4				"	"	D	Surface soil 8; yellow clay 18; blue clay 68; sand 78; blue clay 95. Dry hole.	
Con IV	"	"	"	"		36				"	"	N	Brown clay 11; blue clay 50; sand 56. Dry hole.	
Con IV	"	"	"	R. Hudson		36				"	"	N	Topsoil 3; sand 4; blue clay 20. Water at 3.	
Con IV	"	"	"	"		4				"	"	D	Topsoil 70; silt 78; hardpan stones 235. Dry hole.	
Con IV	"	"	"	S. Earl		5	6	108	61	"	"	D	Brown clay 18; grey clay 62; grey clay gravel 77; grey clay sand 178; gravelly grey clay 185; gravel sand 193. Water from 185 to 193.	
Con IV	"	"	"	W. Seale		5				"	"	D	Brown clay 15; stony blue clay 30; silty sand 127; streaks silty clay sand 204; coarse muddy sand 205; gravelly clay 212; coarse sand 221; stony clay 222. Water at 212.	
Con V	"	"	"	R. Smith		5	12	56	42	"	"	D		



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Reprints to which formations extend below the surface are given in feet)										
MIDDLESEX COUNTY - cont.										
Lobo Twp. - cont.										
Con V lot 3	J. Westerhof	R. Smith	Mar. 12, 1964	5	10	33	28	Fresh	D, S	Brown clay 6; silty brown sand 55; silty grey sand 92; fine brown sand 102. Water at 92.
Con V	D. MacLachlan	"	May 22, 1967	5	10	38	25	"	D, S	Clay fill dug well 40; silty sand 45; sandy brown clay 67; blue clay 73; sandy blue clay 81; fine sand 89; clay. Water at 81.
Con V	J. Herold	"	Apr. 20, 1967	5 1/2	15	31	28	"	D, S	Topsoil 2; brown clay 20; clay sand 35; brown sand 44; blue clay 50; sand clay 58; sand 67. Water at 35 and 58.
Con V	Star Farms Ltd.	"	Jan. 12, 1966	5	10	100	75	"	D, S	Brown clay 18; blue clay 42; sandy brown clay 50; fine muddy sand 57; fine sand 58; sandy blue clay 11; stones sandy clay 114; stony brown clay 136; coarse sand 144. Water at 12.
Con V	L. Quintus	R. Hudson	June 28, 1966	36	4	20	12	"	D	Brown clay 12; fine sand 24; clay. Water at 7.
Con V	J. Mayo	"	Aug. 2, 1966	36	12	15	17	"	D	Brown clay 5; gravel 18. Water at 7.
Con V	R. Kok	R. Smith	Oct. 1, 1965	5	9	32	22	"	D	Brown clay 15; blue clay 31; brown sand 36; clay 40. Water at 31.
Con V	T. Pethrick	J. Johnston	Sep. 18, 1964	5	5	48	40	"	D	Topsoil 2; yellow clay 15; blue clay 70; gravel hardpan 75; gravel 85. Water from 75 to 85.
Con V	G. Peterson	Steinman & Baird	Apr. 22, 1965	5	8	50	43	"	D, S	Brown clay 14; grey clay 41; gritty grey clay 45; grey clay 78; dirty gravel 85. Water at 81.
Con VI	R. Henderson	R. Hudson	June 25, 1965	36	4	30	15	"	D, S	Brown clay 15; silty clay 24; blue clay 35. Water at 15.
Con VI	R. Gregory	"	Dec. 6, 1967	36	6	30	18	"	S	Brown clay 14; sand 24; sandy clay 38. Water at 18.
Con VI	T. Hodgins	"	Oct. 26, 1965	36	3	30	19	"	D, S	Brown topsoil 12; sand 31. Water at 19.
Con VI	K. Vanderheyden	"	June 10, 1967	36	12	22	16	"	D, S	Brown clay 15; sand 32. Water at 16.
Con VI	L. Jobb	"	Mar. 13, 1965	36	12	22	16	"	D, S	Brown clay 12; fine sand 27. Water at 16.
Con VI	M. Fox	R. Hudson	May 12, 1964	36	5	20	14	"	D	Brown clay 14; sand 28. Water at 14.
Con VI	B. Vandervel	R. Smith	Oct. 3, 1964	36	10	24	22	"	D	Brown clay 15; blue clay 22; sand 32. Water at 22.
Con VI	C. McGugan	R. Hudson	July 16, 1964	36	20	30	21	"	D, S	Silty brown clay 12; blue clay 16; sandy brown clay 21; fine sand 27; coarse sand 45. Water from 27 to 43.
Con VI	C. Lenzian	"	May 24, 1966	36	3	25	4	"	D, S	Brown clay 15; blue clay 43; fine gravel 50. Water at 25.
Con VII	H. Robson	"	Jan. 6, 1966	44	8	24	18	"	D, S	Blue clay 25; fine sand 27 1/2. Water at 22.
Con VII	M. Barclay	R. Smith	Mar. 15, 1967	4	8	24	18	"	D	Brown clay 15; hard blue clay 45; stony clay 52. Dry hole.
Con VII	M. McLean	R. Hudson	July 3, 1967	36	4	24	15	"	D	Loam 2; brown clay 12; brown sand clay 31; brown sand 38; fine grey sand clay 39. Water from 31 to 38.
Con VII	D. Campbell	"	Aug. 2, 1966	36 1/2	40	25	15	"	D	Brown clay 3; sand 27. Water at 18.
Con VII	G. Moore	R. Smith	Mar. 23, 1966	36	20	10	19	"	D, S	Brown clay 19; sand 30. Water at 19.
Con VII	R. Noble	R. Hudson	Dec. 9, 1964	36	6	25	16	"	D, S	Brown clay 10; fine sand 32. Water at 16.
Con VII	L. Singley	R. Smith	May 5, 1967	36	4	5	22	"	D, S	Silty brown clay 12; blue clay 25; silty blue clay 42; fine sand 45; silty sand 52; silty clay 65.
Con VII	G. Minor	R. Hudson	July 15, 1964	36	5	28	20	"	S	Brown clay 16; sand 34. Water at 20.
Con VII	A. Bailey	"	Jan. 24, 1964	36	4	32	27	"	D, S	Brown clay 12; blue clay 30; blue clay stones 36; quicksand 37. Water at 35.
Con VIII	W. Culver	"	Apr. 27, 1965	36	20	20	14	"	D	Sand 21; clay. Water at 21.
Con VIII	O. Gray	"	June 25, 1964	36	3	16	14	"	D	Sand 16; clay 18 1/2. Water at 14.
Con VIII	A. Bruce	"	June 10, 1965	36	4	16	10	"	D	Sand 16; blue clay 20. Water at 10.
Con VIII	H. Colvin	"	July 6, 1967	36	5	12	9	"	D	Gravel 12; brown clay 18. Water at 9.
Con VIII	Coldstream School	R. Smith	May 18, 1964	7	12	22	22	"	P	Clay 37; sand 74. Water at 37.
Con VIII	G. Corcoran	R. Hudson	July 7, 1967	36	2	30	12	"	D, S	Sand 12; blue clay 23; sand 27; blue clay 34. Water at 12.

Lobo Twp. - cont.

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# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Duplicate to which formation exposed below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Lebo Twp. - cont.										
Con XII lot 3	R. Smith	R. Smith	Sep. 1, 1965	5	12	80	40	Sulphur	S	Brown clay 41; very fine grey sand 64; sand clay mixture 109; very fine grey sand 140; sand clay mixture 154; brown clay 186; hardpan 191; brown limestone 194; clay 207; grey limestone. Water from 42 to 64 and from 110 to 140 and at 208.
Con XII "	R. Wiendels	"	Oct. 28, 1966	5	4 1/2	75	38	Fresh	D, S	Brown clay 16; blue clay 65; fine sand 76. Water at 65.
Con XII "	L. Veil	"	May 1, 1965	5 1/2	8	70	35	"	D, S	Brown clay 15; blue clay 72; silty sand 75; fine sand 80; clay 83. Water from 75 to 80.
Con XII "	J. Bycraft	"	Oct. 12, 1966	5	12	45	30	"	D, S	Brown clay stones 18; blue clay 26; fine silty sand 62; blue clay 76; fine silty sand 95; blue clay 117; clay stones 140; shale 141. Water from 30 to 62; 76 to 95 and at 141.
Con XII "	"	"	June 28, 1967	4	10	25	18	"	D, S	Brown clay 17; blue clay 25; silty clay sand 31; sandy clay 35; blue clay 39; fine sand 49. Water from 39 to 49.
Con XII "	E. McCallum	R. Hudson	Aug. 20, 1965	36	10	35	27	"	D	Brown clay 15; blue clay 37; sand 41. Water at 37.
Con XII "	A. Delbear	"	Nov. 2, 1965	36	1	30	17	"	D, S	Brown clay 16; sandy gravel 18; fine quicksand 34. Water at 17.
Con XII "	E. Warner	"	June 5, 1967	36	5	35	15	"	D, S	Brown clay 6; blue clay 28; gravel 42. Water at 28.
Con XII "	C. Robson	"	Aug. 2, 1966	36	100	9	7	"	D, S	Blue clay 7; coarse gravel 10. Water at 7.
Con XII "	R. Smith	R. Smith	Sep. 24, 1964	5	12	70	57	"	D, S	Brown clay 20; blue clay 64; fine sand 71; fine sand 81. Water at 81.
Con XIII "	"	"	Apr. 22, 1966	5	8	50	25	"	D, S	Brown clay 15; blue clay 35; fine sand 53. Water from 35 to 53.
Con XIII "	J. Windsor	R. Hudson	Jan. 18, 1964	36	1	24	22	"	D, S	Brown clay 12; blue clay 18; fine sand 32. Water at 20.
Con XIII "	E. Moggoch	"	Jan. 21, 1967	36	3	25	18	"	D	Brown clay 25; fine sand 35. Water at 25.
London City										
	R. Hevett	R. Smith	Feb. 10, 1964	5	12	54	50	Fresh	D	Brown clay 12; blue clay 30; clay sand 80; hardpan 120; sand 126. Water at 120.
	E. Sellers	Hadco Well Drizing	Feb. 14, 1964	27 1/2	1	18	13	"	D	Topsoil 4; brown clay 9; brown sand 13; brown sand gravel 20. Water at 13.
	University of Western Ont.	International Water Supply Ltd.	Apr. 3, 1964	10	250	28	Flows	Sulphur	R	Gravel clay 42; yellow clay 64; hardpan 74; grey limestone streak shale 165; white limestone 213; brown limestone 240; grey limestone 275; grey limestone 320; brown limestone 375. Water at 135 and 264.
	Dr. Marchuck	I. Lounsbury	Apr. 4, 1964	5	10	58	58	Fresh	D	Brown clay 12; blue clay 22; brown sand 56; sand 85. Water from 56 to 85.
	Dr. W. Stanley	W. Dale	June 2, 1964	5	42	210	132	"	D, S	Old well 7; gravel 108; cemented gravel 144; grey sandy clay 178 clay streaks fine sand 218; cemented gravel 227; gravel 230. Water from 227 to 230.
	Coleman Packing Co. Ltd.	I. Lounsbury	Aug. 20, 1964	7	40	96	75	"	C	Topsoil 11; yellow clay 30; conglomerate 41; gravel 43; hard grey sand 51; blue clay 76; conglomerate 95; blue clay 105; conglomerate 110; gravel 117. Water at 110.
	"	"	Dec. 14, 1964	8	35	92	62	"	C	Black topsoil 3; hardpan 57; gravel 59; hardpan 78; gravel 82; hardpan 93; gravel 105. Water from 93 to 105.
	W. Poole	"	Dec. 18, 1964	7	4	65	60	"	D	Brown sandy soil 6; hard blue clay stones 39; gravel 40; brown sand 42; grey sand 54; blue clay 63; hardpan 74; gravel 77. Water from 74 to 77.
	Coleman Packing Co. Ltd.	"	Jan. 1965	8	40	92	62	"	C	Topsoil 3; conglomerate 57; gravel 59; conglomerate 78; gravel 82; conglomerate 93; gravel 106. Water at 93.

\* See end of Appendix C for the meanings of abbreviations and symbols.



MIDDLESEX COUNTY - cont.  
London City - cont.

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# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
London Twp. - cont.										
Con III lot 27	K. Dicky	R. Smith	Apr. 11, 1967	5	6	60	40	Fresh	D, S	Sandy brown clay 12; gravelly blue clay 35; blue clay 45; silty blue clay 87; fine sand 90; silty sand 92. Water at 87.
Con III "	G. D. Gola	"	July 27, 1966	5	10	60	58	"	D	Brown clay 10; stones clay 13; stony blue clay 47; muddy brown sand 48; hard stony clay 120; muddy sand 122; stony blue clay 146; coarse sand 153; silty sand 156. Water at 48, 120 and 146.
Con III "	E. Dalgity	R. Hudson	May 18, 1967	36	6	30	28	"	D	Blue clay 32; gravel 36. Water at 32.
Con III "	J. DeVries	R. Smith	Oct. 25, 1966	5	10	35	25	"	D	Brown clay 18; blue clay 47; silty sand 53; gravelly clay 112; muddy gravel 113; stony clay 121; muddy gravel 122; stony blue clay 224; fine sand 237; coarse sand 239. Water at 237.
Con IV "	P. White	R. Hudson	Apr. 28, 1967	36	10	10	5	"	D	Brown clay stones 10; coarse gravel 128. Water at 10.
Con IV "	London PUC.	Water Supply Ltd.	June 4, 1964				12	"	4-64	Sandy loam; soft clay gravel 10; sticky clay gravel 16; sandy clay gravel 23; cemented gravel 29; coarse gravel 40; coarse gravel clay 44; rock 46. Water at 29.
Con IV "	"	"	June 11, 1964						T	Topsoil 1; gravel loam 5; soft sandy clay gravel 18; cemented gravel 35; rock 36.
Con IV "	"	"	June 18, 1964						7-64	Sandy loam 2; boulders cemented gravel 6; cemented gravel 27; coarse gravel 32; cemented clay gravel 33; rock 34.
Con IV "	"	"	July 6, 1964						8-64	Sandy loam 4; coarse gravel clay boulders 6; clay gravel 11; cemented gravel 32; gravel sand 34; cemented gravel 43; fine gravel sand 45; cemented gravel 47; compact clay gravel 53; rock 55.
Con IV "	K. Box	R. Hudson	Aug. 10, 1967	36	5	14	10	Fresh	D	Fine gravel 15; clay. Water at 10.
Con IV "	London PUC.	International Water Supply Ltd.	Aug. 27, 1964						10-64	Gravel 4; gravel clay 10; sandy clay gravel 15; sticky clay gravel 26; coarse gravel clay 40; medium coarse gravel 68. Water at 40.
Con IV "	"	"	Sep. 11, 1964	10					T	Gravel loam 4; clay gravel 9; stiff sandy clay gravel 23; gravel clay 38; medium coarse gravel 41; white clay gravel 44; gravel 49; lightly cemented fine gravel 51; medium coarse gravel 61; fine gravel 65. Water at 38 and 41.
Con IV "	"	"	Sep. 17, 1964						T	Boulders gravel clay 10; gravel clay 18; medium coarse gravel 30; fine gravel 34; fine gravel slightly cemented 37; rock. Water from 18 to 34.
Con IV "	"	"	Sep. 25, 1964						12-64	Gravel 5; gravel clay 8; sandy clay gravel 28; medium coarse gravel 64; fine gravel 68. Water at 64.
Con IV "	H. Herbert	Hadco Waterwell Drls. Co. Ltd.	Oct. 7, 1964	5 1/2	4	123	45	Fresh	13-64	Clay 33; sand 36; sand clay 100; sandy gravel 110; good gravel 125. Water from 110 to 125.
Con IV "	E. Beech	R. Hudson	Aug. 4, 1967	36	335	34	20	"	D	Brown clay 12; blue clay 32; sand 36; clay. Water at 32.
Con IV "	R. Boug	M. Jones	Oct. 11, 1967	5	3	140	90	"	D	Clay loam 22; sandy clay 125; fine sand 178; sandy clay 210; cemented sand 213; black shale 245. Water from 213 to 245.
Con V "	J. Tallamy	R. Hudson	Oct. 7, 1964	36	3	34	30	"	D	Gravel 8; blue clay 30; fine gravel 36. Water at 30.
Con V "	W. Hayden	"	Nov. 18, 1964	36	20	10	7	"	D	Brown clay 4; gravel 11; clay 13. Water at 8.
Con V "	A. Crowther	"	Nov. 24, 1965	36	20	10	8	"	D	Topsoil 2; gravel 11. Water at 8.
Con V "	Eric Concrete Co. Ltd.	W. Dale	Mar. 11, 1966	4	9	22	7	"	In	Gravel 12; fine sand 32; muddy sand 41; grey clay 53. Water from 12 to 32.
Con V "	FUC London	International Water Supply Ltd.	May 25, 1964						1-64	Topsoil 1; coarse sand gravel 36; yellow clay gravel 37; fine gravel coarse sand 57; soft grey clay 64; hardpan 87.
Con V "	"	"	May 28, 1964						T 2-64	Topsoil 2; coarse gravel 26; fine gravel 34; fine gravel 43.

## MIDDLESEX COUNTY - cont.

London Twp. - cont. Con V lot 4	London PUG.	International Water Supply Ltd.	May 29, 1964	800	27	16	Fresh	T 3-64	
Con V " 4	" "	"	June 3, 1964	20					Topsoil 1½; coarse gravel 8; fine gravel 17; coarse gravel fine sand 24; coarse sand 35; coarse gravel 39; coarse gravel clay 45; clay 46.
Con V " 4	" "	"	June 3, 1964	20					Black muck 1; yellow clay 10; yellow clay coarse sand 14; fine gravel coarse sand 40; coarse gravel sand 42; clay 48. Water from 40 to 42.
Con V " 5	" "	"	June 5, 1964	10					Coarse sand 5; gravel sand 22; gravel sand 48; sand gravel 50.
Con V " 5	" "	"	June 5, 1964	10					Clay gravel mixed 4; dirty gravel 11; fine gravel 40; fine gravel clay bells 42; fine silty clay gravel 70. Water from 11 to 42.
Con V " 6	T. Talbot	R. Hudson	Oct. 18, 1967	36	31	27	Fresh	6-64	Sand 31; clay 4; water at 27.
Con V " 6	H. Ryan	"	Aug. 16, 1965	36	1½	8	"	D	Brown clay stones 8; sand 10; blue clay big stone 32. Water at 8.
Con V " 8	Silsoam United Church	H. Seagrist	Apr. 9, 1965	4	2	90	"	P	Gravel topsoil 20; sand 45; clay 73; sand 94; clay 100; gravel 103. Water at 103.
Con V " 8	B. Barkey	R. Smith	Jan. 9, 1967	5½	10	54	"	D	Sand 8; stones hardpan 35; clay 45; hardpan 74; gravel 75; water at 75.
Con V " 16	E. Uptgrove	"	Feb. 17, 1964	5	10	42	"	D	Brown clay 24; blue clay 36; fine sand 48; sand 55. Water from 48 to 55.
Con V " 16	M. Fallon	I. Lounsbury	Apr. 18, 1964	4	9	40	"	D	Yellow clay 18; blue clay 40; brown sand 48; sand 60. Water from 48 to 60.
Con V " 16	R. Deane	D. Loughheed Co. Ltd.	July 23, 1964	6½	10	37	"	D	Clay 50; fine sand 60. Water at 50.
Con V " 16	E. Pittso	R. Smith	June 3, 1966	6½	10	35	"	D	Stony brown clay 8; brown clay 32; sandy brown clay 43; brown sand 57; muddy brown sand 62. Water from 43 to 57.
Con V " 16	O. Murray	M. Jones	Sep. 11, 1967	5	2½	126	"	D	Brown sandy clay 26; fine sand clay 65; soft clay 129; coarse sand 131. Water at 131.
Con V " 16	R. Woods	"	Oct. 20, 1967	5	4	120	"	D	Blue clay 18; fine brown sand 34; soft grey clay 72; coarse sand 75; clay stones 123; coarse sand 125. Water from 123 to 125.
Con V " 16	R. Earl	R. Smith	Nov. 4, 1967	5	12	45	"	D	Topsoil 1; brown clay 18; brown sand 35; clay sand 42; sand 54. Water at 42.
Con V " 25	S. Hornyack	"	Sep. 10, 1965	5	10	40	"	D	Sandy brown clay 15; brown sand 18; sandy clay stones 42; stony blue clay 60; sandy blue clay 76; coarse sand 80; stony clay 85. Water at 76.
Con V " 28	A. Kosetzschko	E. Hussey	May 22, 1964	4	6	75	"	D	Yellow clay 18; grey clay 30; dirty gravel sand 45; fine sand 95; fine gravel sand 102. Water from 95 to 102.
Con V " 28	H. Edney	M. Jones	Dec. 17, 1966	5	15	57	"	D	Yellow clay 18; blue clay 30; sandy gravel 35; sandy clay 48; blue clay 120; coarse sand 12. Water from 120 to 121.
Con V " 29	P. Anderson	R. Hudson	June 11, 1964	36	1	48	"	D	Brown clay 10; blue clay 50. Water at 50.
Con V " 32	M. Ferguson	"	July 25, 1966	36	3	25	"	D	Brown clay 10; blue clay 26; quicksand 30. Water at 26.
Con V " 32	E. Dekay	R. Smith	Oct. 12, 1965	5	20	15	"	D, S	Brown clay stones 18; sandy blue clay 34; stones 36; stony blue clay 55; coarse sand 69. Water at 53.
Con VI " 4	W. Talbot	M. Jones	Aug. 11, 1965	5	8	60	"	D	Dug well 22; clay stones 77; sandy gravel 82. Water from 77 to 82.
Con VI " 6	A. Johnson	R. Smith	Jan. 14, 1967	5	10	20	"	D	Dug well 32; fine sand 37; clay stones 59; sand 68. Water from 59 to 68.
Con VI " 8	J. Sheebottom	R. Hudson	May 11, 1964	36	50	24	"	D	Sandy clay 8; hard blue clay 26. Water at 26.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
MIDDLESEX COUNTY - cont. London Twp. - cont. Con VI lot 8	C. Hammond	W. Dale	July 19, 1965	5	9	20	18	Fresh	D	Mill 5; grey clay 10; blue clay 60; cemented gravel 71; hardpan 72 gravel 73; limestone. Water from 72 to 73.
Con VI	G. McIntyre	W. Jones	Nov. 13, 1964	5	10	6		"	D	Sandy clay 7; clay stones 48; gravel. Water at 48.
Con VI	R. Sharpe	D. Louchheed	Mar. 26, 1965	6	5	14	Flows	"	D	Dug well 12; clay 67; sand gravel 70. Water at 67.
Con VI	R. Ubsdell	R. Hudson	May 8, 1967	36	10	12		Fresh	D	Sandy clay 8; hard blue clay 12. Water at 4. Water at 20.
Con VI	V. Nolan	W. Jones	Mar. 26, 1964	32	10	14	4	"	D	Yellow clay; sandy gravel 25; blue clay 62. Water at 20.
Con VI	J. Morgan	R. Hudson	Aug. 10, 1964	36	28	10	4	"	D	Sand 18. Water at 4.
Con VI	R. Pearson	J. Weaver & Son	Dec. 2, 1964	4	8	20	7	"	D	Open well 20; gravel 35. Water at 20.
Con VI	A. Arva Community Park	R. Hudson	July 2, 1964	36	10	15	20	"	P	Brown clay 8; gravel clay mixed 20. Water at 8.
Con VI	O. Puller	"	Sep. 30, 1965	36	10	25	17	"	D	Brown clay 12; fine sand 35. Water at 17.
Con VI	Middlesex County	"	Nov. 5, 1966	36	4	25	19	"	P	Brown clay 10; blue clay 20; sand 26; clay. Water at 20.
Con VI	G. Clarke	"	Jan. 4, 1967	36	5	24	20	"	D	Sandy clay 8; blue clay 20; sand 27. Water at 20.
Con VI	T. Orr	I. Lounsbury	Mar. 30, 1964	5	10	50	42	"	D	Brown sand 2; yellow clay 12; blue clay 26; brown sand 45; hardpan 15; brown sand 70; hardpan 108; gravel 125; hardpan 152; gravel 153. Water from 152 to 153.
Con VI	R. Windsor	R. Hudson	July 17, 1964	36			27	"	D, S	Brown clay 10; blue clay 2; sand 30; sandy blue clay 37. Water at 27.
Con VI	J. Smith & A. Smith	H. Seagrist	Nov. 15, 1965	4	4	53	45	"	D	Topsoil 3; clay 63; gravel 65; clay 70; coarse sand 73. Water at 73.
Con VI	A. Kosatschenko	W. Marsh & Sons	Aug. 27, 1966	6	15	40	40	"	D	Brown clay stones 15; grey clay stones 33; clay stones sand 70; sand 73. Water at 70.
Con VI	N. Hargreaves	R. Seagrist	Apr. 7, 1966	4	4	47	45	"	D	Topsoil brown clay 6; clay 23; gravel 27; clay 57; sand 60; clay 64; coarse sand. Water at 64.
Con VI	N. Conkey	R. Smith	Dec. 10, 1964	5	10	27	22	"	D, S	Brown clay 18; clay stones 38; coarse brown sand 42; silty brown sand 47. Water at 38.
Con VI	H. Lynch	Hedco Well Drilling Ltd.	Oct. 28, 1966	5	5	100	62	"	D	Brown clay 15; blue clay 35; sand 42; blue clay 102; sand 106; blue clay rocks 172; cemented gravel 212; loose gravel 213. Water at 173 and 213.
Con VI	D. Wellman	R. Hudson	July 2, 1966	36	15	18	10	"	D	Brown clay 18; sand 20; clay. Water at 18.
Con VI	London Hunt Club	"	Aug. 9, 1965	36	5	25	20	"	D, S	Brown clay 20; sand 24; clay 26. Water at 20.
Con VII	R. Urquhart	M. Jones	Jan. 14, 1967	5	10	65	55	"	D, S	Clay 12; gravel 16; blue clay 62; fine sand 65; blue clay 75; sandy clay 85; blue clay 88; fine shooting sand 148; light brown lime-stone 160. Water from 155 to 160.
Con VII	T. Donners	"	June 20, 1967	5	8	43	32	"	D, S	Sandy clay stones 44; clay hardpan 65; cemented sand 69; coarse sand 70. Water from 69 to 60.
Con VII	W. Shoebottom	"	Aug. 13, 1964	5	4	50	33	"	D, S	Gravel 63. Water at 33.
Con VII	E. Perkin	R. Hudson	June 25, 1966	36	15	24	16	"	D, S	Brown clay 12; blue clay 16; hard blue clay 20; gravel 21; hard blue clay 24. Water at 16.
Con VII	G. Peters	"	May 4, 1965	36	25	38	27	"	D, S	Brown clay 18; fine gravel 42. Water at 27.
Con VII	P. Smibert	"	Feb. 5, 1964	36	3	22	16	"	D, S	Brown clay 10; blue clay 16; gravel 16; stony gravel clay streak 24. Water at 10.
Con VII	G. Freleigh	W. Dale	Feb. 20, 1964	5	9	76	37	"	D, S	Topsoil 2; brown clay 13; grey clay 44; grey sandy clay 60; fine brown sand 76; fine gravel sand 80; cemented gravel 82. Water from 80 to 82.
Con VII	E. Hodgkins	R. Hudson	May 12, 1967	36	5	30	20	"	D	Brown clay 18; fine gravel 36. Water at 20.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

London Twp. - cont.	lot	lot	D. Weidon	I. Lounsbury	Jan. 22, 1964	5	20	70	68	Fresh	D
Con VII	"	16	J. Stevens	"	Sep. 14, 1964	7	40	90	55	"	D
Con VII	"	16	H. Loft	Hadco Well Drlg. & Digging	Nov. 12, 1964	5 1/2	10	65	35	"	D
Con VII	"	16	L. Schott	R. Hudson	May 23, 1966	36	20	15	9	"	D
Con VII	"	16	H. Scott	"	Oct. 11, 1966	36	6	68	41	"	D
Con VII	"	16	G. Robertson	W. Dale	July 28, 1966	5	2	67	28	"	D
Con VII	"	16	H. Loft	"	Oct. 26, 1966	5	3	30	27	"	D
Con VII	"	17	E. Whalley	R. Hudson	Sep. 27, 1966	36	1	16	36	"	P
Con VII	"	19	L. Radon PUC.	"	June 16, 1965	36	2	87	39	"	D
Con VII	"	20	W. Ennis	W. Dale	Mar. 19, 1964	5	2	87	39	"	D
Con VII	"	20	B. Davis	R. Hudson	Mar. 8, 1965	36	1	30	27	"	D
Con VII	"	20	"	M. Jones	Nov. 15, 1965	5	8	160	60	"	D
Con VII	"	28	M. Jomaa	R. Hudson	June 26, 1964	36	1	30	17	"	D
Con VII	"	32	L. Randall	"	Oct. 5, 1966	36	10	15	10	"	D, S
Con VIII	lot	2	A. Bannister	R. Hudson	Nov. 28, 1967	36	1	33	20	Fresh	D
Con VIII	"	7	G. Powell	"	May 20, 1967	36	5	20	5	"	D
Con VIII	"	9	D. Thomson	W. Dale	June 15, 1965	5	8	90	75	"	D
Con VIII	"	12	E. McKay	R. Hudson	Aug. 30, 1965	36	2	30	24	"	D
Con VIII	"	12	B. Benethey	"	Sep. 2, 1965	36	20	22	19	"	D
Con VIII	"	13	M. Roberts	W. Dale	Aug. 10, 1966	5	6	65	25	"	D, S
Con VIII	"	17	L. McConnell	R. Hudson	Feb. 13, 1965	36	4	28	26	"	D
Con VIII	"	17	L. Acheson	"	Apr. 29, 1966	36	10	30	27	"	D, S
Con VIII	"	18	E. Whalley	R. Smith	Jan. 20, 1965	5 1/2	60	65	60	"	D, S
Con VIII	"	20	J. Meulendyks	M. Jones	Dec. 9, 1967	5	10	87	50	"	D, S
Con VIII	"	21	M. Pater	R. Hudson	July 21, 1967	36	10	38	30	"	D
Con VIII	"	22	J. Freelle	"	Oct. 27, 1964	36	2	24	16	"	S
Con VIII	"	23	H. Freelle	"	Oct. 27, 1964	36	2	24	16	"	D, S
Con VIII	"	25	J. & T. Murphy Ltd.	Hadco Waterwell Drlg. Co.	Oct. 26, 1964	5 1/2	15	150	25	"	D
Con VIII	"	29	D. Scott	R. Hudson	May 7, 1965	36	3	20	14	"	D

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations entered below the surface are given in feet)										
MIDDLESEX COUNTY - cont. London Twp. - cont. Con VIII lot 31	R. Sharpe	R. Sharpe	July 27, 1964	5	9	146	80	Sulphur	D	Brown clay boulders 18; blue clay 46; gravelly blue clay 52; coarse sand 53; gravelly blue clay 181; coarse sand 189; gravelly clay 210; muddy sand 211; gravelly blue clay 231; rock 254. Water at 254.
Con IX	A. Bannister	R. Hudson	July 30, 1966	36	< 2	48	35	Fresh	D	Brown clay 10; blue clay 45; gravel 46; blue clay 50. Water at 45.
Con IX	M. Cooper	N. Steinman	May 16, 1967	5	15	73	56	"	D, S	Brown clay 18; grey clay 92; gritty clay 122; sandy gravel 126. Water from 122 to 126.
Con IX	A. Rae	R. Hudson	Nov. 17, 1965	36	4	45	35	"	D	Fine brown sand 47. Water at 35.
Con X	G. Sorenson	M. Jones	Aug. 26, 1966	5	10	65	40	"	D	Clay stones 59; coarse sand 66; stones clay 84; fine sand 90; clay 95; coarse sand 100. Water at 95.
Con IX	S. McLeod	R. Hudson	May 6, 1965	36	2	45	30	"	D	Brown clay 15; blue clay 40; quicksand 47. Water at 40.
Con IX	R. Sumner	"	Mar. 12, 1965	36	5	30	18	"	S	Brown clay 10; blue clay 18; coarse sand 27; blue clay 34. Water at 18.
Con IX	L. Stokes	"	Sep. 12, 1967	36	60	40	20	"	D	Brown clay 20; blue clay 51; sand. Water at 51.
Con IX	B. Smith	"	Sep. 14, 1967	36	4	27	12	"	D	Brown clay 10; blue clay 24; fine sand 29; blue clay. Water at 24.
Con X	G. Sorensen	"	July 29, 1966	36	20	20	16	Fresh	D	Yellow clay 12; hard grey clay stones 46. Dry hole.
Con X	L. Ryell	"	Sep. 13, 1966	36	40	22	12	"	D, S	Brown clay 16; gravel 22. Water at 16.
Con X	G. Robson	"	Oct. 13, 1964	36	10	38	17	"	D	Brown clay 15; blue clay 24; gravel 26. Water at 24.
Con X	V. Blackwell	"	Aug. 11, 1967	36	2	20	10	"	D	Brown clay 10; blue clay 40; gravel 42. Water at 40.
Con X	G. Ryland	"	Aug. 24, 1967	36	5	20	10	"	D	Brown clay 12; blue clay 28; sand 28 1/2. Water at 28.
Con X	J. Stephens	"	Nov. 2, 1965	36	2	30	22	"	D	Brown clay 20; gravel 22; blue clay 36. Water at 22.
Con X	G. Higgs	"	Nov. 4, 1965	36	25	30	15	"	D	Brown clay 15; blue clay 30; dirty clay 36; sand. Water at 36.
Con X	W. Huil	R. Smith	Mar. 4, 1964	5	4	170	95	"	D	Brown clay 12; stony blue clay 85; boulders 87; stony blue clay 158; boulders 165; stony blue clay 176; coarse muddy sand 180. Water at 176.
Con X	R. Bloomfield	R. Hudson	Aug. 4, 1965	36	45	45	10	"	D, S	Brown clay 10; blue clay 15; sandy clay 46. Water at 15.
Con XI	A. Bratcher	M. Jones	July 4, 1967	5	8	145	110	"	D, S	Clay loam fired clay 20; blue clay stones 121; fine sand clay 143; grey limestone 159. Water at 158.
Con XI	W. Robinson	R. Hudson	Oct. 14, 1964	36				"	D	Brown clay 8; hard blue clay 20. Water insufficient for use.
Con XI	L. Parnall	"	June 15, 1965	36	1	19	7	Fresh	D	Brown clay 8; fine gravel 10; hard blue clay 20. Water at 8.
Con XI	F. Carmichael	"	June 3, 1966	36	90	12	Flows	"	D	Brown clay 12; fine gravel 15; clay. Water at 12.
Con XI	H. Falson	R. Smith	Feb. 13, 1964	5	10	77	75	"	D, S	Brown clay 22; brown sand 25; blue clay 30; boulders 35; stony brown clay 161; coarse sand 165. Water at 161.
Con XI	J. Wellett	R. Hudson	May 5, 1967	36	20	25	15	"	D	Brown clay 20; sandy gravel 29. Water at 20.
Con XI	P. Anderson	"	May 5, 1967	36	5	25	15	"	D, S	Blue clay 30; sandy gravel 34. Water at 30.
Con XI	C. Patrick	J. Johnston Drlg.	Apr. 1, 1964	4	5	37	39	"	D, S	Blue clay 30; sandy gravel 34. Water at 30.
Con XI	V. Blackwell	R. Smith	Jan. 3, 1967	5				"	D, S	Topsoil 1; red clay 12; blue stony clay 30; hardpan 107; blue stony brown clay 25; gravelly brown clay 45; stony blue clay 58; sandy gravel clay 72; stony blue clay 113; stones 117; stony blue clay 124; stones 128. Dry hole.
Con XI	"	"	Jan. 15, 1967	5	10	45	30	Fresh	D, S	Stony brown clay 20; stones 23; stony blue clay 44; blue clay 51; muddy sand 52; stony blue clay 150; coarse sand 157. Water at 150.
Con XI	A. Smith	Hacco Well Drlg. & Digging Ltd.	Oct. 9, 1964					"	"	Clay rock 14; clay 122; sand 124; clay 165; sand gravel 170; clay 195; sand 198. Dry hole.

\* See end of Appendix C for the meanings of abbreviations and symbols.



## MIDDLESEX COUNTY - cont

London Twp. - cont.

Con	Lot	Cont.	Driller	Date	54'	100'	49'	Depth	Remarks
Con XI	lot 25	A. Smith	Hadco Well Drilling & Digging Ltd.	Oct. 13, 1964	54'	100'	49'	D	Boulders 15; clay 55; sand 60; sandy rock gravel 112; sand gravel 124. Water from 120 to 124.
Con XII	"	5 N. Broeders	R. Hudson	Jan. 7, 1965	36				Brown clay 8; blue clay 20. Dry hole.
Con XII	"	8 J. Vangelder	"	June 16, 1964	36				Brown topsoil 8; hard blue clay 25. Dry hole.
Con XII	"	8 B. Roberts	M. Jones	July 5, 1967	5	3	77	D	Sandy clay 66; fine gravel 7; fine sand clay 78; sandy clay 120; fine sand 125. Water from 127 to 129.
Con XII	"	10 C. Shoebottom	R. Hudson	Oct. 12, 1965	36	4	20	D, S	Hard blue clay 22; gravel streaks. Water at 13.
Con XII	"	12 C. Vanderloo	W. Hopper & Sons	Sep. 18, 1967	36				Brown clay 10; blue clay 41. Dry hole.
Con XII	"	12 C. Vanderloo	"	Nov. 1, 1965	4	10	173	D, S	Yellow clay 16; blue clay 43; gravel 65; hardpan 164; brown rock 230. Water from 215 to 230.
Con XII	"	25 G. Bloomfield	R. Hudson	Dec. 21, 1965	36	5	50	D, S	Brown clay 10; blue clay 46; gravel 52. Water at 46.
Con XII	"	26 A. Ashworth	"	Feb. 6, 1964	36	8	32	D, S	Brown clay 10; blue clay 30; coarse gravel 34. Water at 32.
Con XIII	"	11 G. McHerts	M. Jones	Oct. 10, 1967	5	5	180	D, S	Previously drilled 116; sandy clay 125; blue clay stones 165; cemented gravel stones 180; dark brown limestone 190. Water from 187 to 188.
Con XIII	"	13 H. Finkbeiner	W. Hopper & Sons	Nov. 9, 1965	4	8	120	D, S	Yellow clay 22; blue clay stones 118; hardpan 159; brown rock 234. Water from 230 to 234.
Con XIII	"	17 R. Rush	Banes Drilling Co.	Aug. 17, 1964	36	10	14	D	Brown clay 14; coarse sand 18; grey clay stones 264. Water at 14.
Con XIII	"	17 Winlen Lunch	R. Hudson	Sep. 15, 1965	36	50	22	"	Gravel 10; blue clay 20; gravel 25; blue clay 27. Water at 22.
Con XIII	"	21 D. Medland	"	June 1, 1966	36	1	20	D	Hard stony clay 12; gravel 14; blue clay stones 26. Water at 12.
Con XIII	"	22 C. Lave	H. Smith	Aug. 6, 1965	5	10	116	D, S	Stony brown clay 18; stony blue clay 65; boulders 69; sandy brown clay 75; gravelly brown clay 189; muddy sand 190; hardpan at 193 and 197.
Con XIII	"	22 H. Hodgins	R. Hudson	Aug. 14, 1967	36	4	30	"	at 193 and 197.
Con XIV	"	5 E. Patton	"	Oct. 31, 1966	36	44	30	D	Brown clay 10; blue clay 35; sand 44; blue clay. Water at 35.
Con XIV	"	6 J. Zrini	M. Jones	Feb. 2, 1966	5	10	210	D	Brown clay 15; blue clay 30; gravel 31; blue clay 45. Water at 30.
Con XIV	"	6	"	Oct. 6, 1965					Clay stones 78; fine sand 91; sandy clay 138; brown limestone 241. Water at 240.
Con XIV	"	11 A. Donley	R. Hudson	Sep. 25, 1964	5	15	195	D, S	Brown clay 20; blue clay 48. Dry hole.
Con XIV	"	16 W. Layens	I. Lounsbury	Sep. 12, 1966	5	6	270	D	Yellow clay 15; blue clay stones 70; fine sand blue clay stones 194; fine sand 156; brown limestone 206. Water at 202.
Con XIV	"	20 W. Shoebottom	R. Hudson	Jan. 30, 1964	36	5	22	D, S	Gravel stones 41; gravel 212; brown limestone 264; grey limestone 272. Water at 272.
Con XIV	"	23 W. Schon	"	Aug. 14, 1967	36	3	40	D	Brown clay 12; blue clay 16; quicksand 22; blue clay 24. Water at 24.
Con XIV	"	27 K. Grigg	R. Smith	Jan. 20, 1965	5	11	70	D, S	Brown clay 10; blue clay 40; sand 41; blue clay 45; sand 46. Water at 45.
Con XIV	"	32 G. Robson	R. Hudson	Jan. 4, 1965	36	50	12	D, S	Brown clay 10; boulders clay 20; coarse sand gravel 48; fine sand 72; stony brown clay 148; hardpan 174; coarse sand 192; muddy sand 195. Water at 174.
Con XV	"	9 C. Seel	M. Jones	Oct. 8, 1965	5	8	215	D	Brown clay 10; gravel 12; blue clay 20. Water at 12 and 20.
Con XV	"	12 W. Hack	R. Hudson	Oct. 20, 1965	36	10	13	D	Brown clay 15; blue clay 42; silt sand 50. Dry hole.
Con XV	"			Oct. 16, 1965	36				Clay stones 105; coarse sand 120; sandy clay stones 158; limestone 225. Water from 203 to 225.
Con XV	"								Brown clay 11; gravel 14; clay. Water at 12.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *	
										(Depths to which formations entered below the surface are given in feet)	
MIDDLESEX COUNTY - cont.											
Con XV lot 15 W. Slantey		Banes Drfg. Co.	Aug. 28, 1964	36	10	30	18	Fresh	D	Topsoil 2; brown clay 12; grey clay 18; pit run gravel 24; grey clay 30. Water at 18.	
Con XV " 20 N. St. Cyr		R. Hudson	Aug. 8, 1966	36	2	70	42	"	D, S	Brown clay 10; blue clay 62; gravel 63; blue clay 72. Water at 62.	
Con XV " 24 W. Hardy		M. Jones	Sep. 1, 1967	5	10	54	45	"	D	Dug well 35; stony gravel 50; blue clay 60; fine sand 63. Water at 61.	
Con XV " 24 K. Hardy		R. Hudson	Aug. 7, 1967	36	10	22	18	"	D	Brown clay 20; big stones gravel 35. Dry hole.	
Con XV " 28 D. Cornell		"	Jan. 3, 1967	36	10	22	18	"	D	Brown clay 10; gravel 22; water at 18.	
Con XV " 29 D. Siddall		"	May 21, 1966	36	20	25	24	"	D	Brown clay 20; gravel big stones 26. Water at 24.	
Con XV " 30 G. Bowman		"	Dec. 1, 1965	36	25	28	26	"	D, S	Hard blue clay 20; big stones gravel 28. Water at 26.	
Con XV " 10 S. Wyatt		"	Aug. 12, 1965	36	10	18	15	"	D, S	Coarse gravel big stones 18. Water at 15.	
Con XVII " 22 J. Ryan		R. Smith	Dec. 28, 1964	5	12	100	100	"	D, S	Brown clay 10; blue clay 36; gravelly blue clay 55; stony brown clay 147; hardpan streaks sand 160; coarse sand 168; clay 169. Water at 160.	
McGillivray Twp.											
Con I lot 3 A. Isaac		R. Hudson	Nov. 26, 1964	36	1	30	24	Fresh	D, S	Brown clay 10; blue clay 24; gravel 25; blue gravel veins 26. Water at 24.	
Con I " 6 L. Revington		"	Jan. 5, 1965	36	1	20	14	"	D, S	Brown topsoil 14; sand 16; blue clay 24. Water at 14.	
Con I " 14 G. Simpson		W. Dale	Nov. 24, 1967	5	9	308	295	"	D, S	Brown clay 14; boulders gravel 11; grey limestone 157; brown limestone 315. Water from 295 to 315.	
Con I " 19 R. Lynn		W. Hopper & Sons	Mar. 2, 1964	4	8	308	303	"	D, S	Yellow clay 12; gravel 18; sandy clay 110; hardpan 136; brown rock 330. Water from 303 to 330.	
Con I " 21 A. Hall		"	Jan. 30, 1964	4	8	100	90	Sulphur	D, S	Yellow clay 9; gravel 13; yellow clay 22; gravel 27; sandy clay 108; hardpan 124; gravel 128; grey rock 151. Water from 140 to 150.	
Con II " 33 G. Kemp		R. Hudson	May 28, 1966	36	20	37	36	Fresh	D	Brown clay 15; blue clay 34; big stones gravel 38. Water at 36.	
Con II " 33 PUC-Ailsa Craig		International Water Supply Ltd.	June 13, 1964	8	60	3	2	"	T	Clay 5; gravel clay cemented 10; coarse gravel sand 15; coarse sand clay 22; stiff clay gravel 30; sandy clay 78. Water at 10.	
Con II " 14 C. Rollings		W. Hopper & Sons	Apr. 20, 1964	4	7	110	102	Sulphur	D, S	Sandy clay 36; grey clay 45; hardpan 96; limestone 148. Water at 148.	
Con V CRE lot 21 G. McAlpine		R. Hudson	July 25, 1967	36	1	50	40	Fresh	D	Blue clay 40; sand 41; blue clay 51. Water at 40.	
Con V CRE " 26 Vlg. Ailsa Craig		International Water Supply Ltd.	Apr. 8, 1964					"	T	Sand gravel 8; brown clay gravel 10; grey clay 51; sandy grey clay 63; sandy grey clay gravel streaks 81; cemented sand gravel 82; grey brown hard clay 90; limestone. Sand 9; grey clay gravel streak 35; boulder 36; grey clay 61; clay sand gravel 65; cemented sand gravel 67; grey clay gravel packed hard 86; limestone.	
Con V CRE " 26 "		"	Apr. 13, 1964					"	T	Topsoil 2; brown clay gravel 4; grey clay 43; sand gravel 45; sandy grey clay gravel streaks 62; grey hard shale 71; cement-sand gravel 73; grey very hard shale 80; brown limestone 83.	
Con V CRE " 27 "		"	June 15, 1964	2	11	43	20	Fresh	T	Topsoil 1; sandy brown clay boulders 5; sand 7; blue clay boulder 53; sand clay 55; sand 56; hard clay gravel 61; cemented gravel clay streaks 70; hard clay shale streaks 73; rock. Water from 60 to 70.	
Con V CRE " 28 "		"	June 2, 1964	2	13		16	"	T	Topsoil 1; brown clay gravel 12; blue clay gravel 36; fine sand coarse sand 49; sand gravel 55; blue clay 59; hard clay gravel 60. Water from 36 to 55.	

\* See end of Appendix C for the meanings of abbreviations and symbols.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. McGillivray Twp. - cont. Con XII lot 6 W.Lewis		A.Heal	June 10, 1965	5	5	213		Fresh	D, S	Yellow topsoil 22;gritty clay 99;loose limestone clay streaks 122;grey limestone 215;loose brown limestone streaks 228. Water from 215 to 219.
Con XII " 9 J.Scott		W.Dale	Nov. 19, 1965	5	7 1/2	173	132	"	D, S	Brown clay 18;blue clay 60;blue gravelly clay 118;blue shale 119;brown shale 1308;grey limestone 177. Water from 160 to 167.
Con XII " 11 G.Frest		A.Heal	Dec. 15, 1967	5	5	152	146	"	D	Topsoil yellow clay 15;blue clay 40;gravelly clay 45;clay 108; loose limestone 121;grey limestone 150;brown limestone 156. Water at 155.
Con XII " 17 G.Amos		"	May 15, 1967	5	5	210	210	"	D, S	Topsoil yellow 18;blue clay 40;boulders 42;blue clay 109; loose limestone 134;grey limestone 138;soft grey limestone 144; grey limestone 190;brown limestone 222. Water from 217 to 218.
Con XIII " 3 L.Hogdins		"	Oct. 7, 1966	5	6	203	200	"	D, S	Topsoil yellow clay 12;blue clay 45;sand streaks clay 48;blue clay 100;clay loose boulders 114;grey limestone 165;brown limestone 225. Water from 218 to 222.
Con XIV " 16 McGillivray		W.Dale	Aug. 31, 1965	5	1	147	138	"	N	Brown clay 11;blue clay 90;blue clay gravel 119;blue shale 125;grey limestone 159. Dry hole.
Con XIV " 16 Twp.School Area		"	Sep. 29, 1965	7	5	146	132	"	P	Brown clay 24;muddy sand 30;blue clay 116;grey shale 1308; brown limestone 146. Water at 132 and 142.
Con XV " 16 H.Mawson		R.Hudson	Nov. 19, 1966	36	1	25	12	"	D	Brown clay 12;sand 15;blue clay 27. Water at 12.
North Boundary Con. lot 37 " 41	M. Pollock L. Stewardson	R. Hudson S. Atkinson	Aug. 27, 1966 Jan. 26, 1965	36 4	4	56	46	Sulphur	D, S	Sand 3;blue clay 30. Dry hole. Topsoil 2;yellow clay 10;blue clay 112;rock 121. Water at 112 1/2 and 120.
Metcalfe Twp. Con I " 14 J.Siroty		Dolphin & Earl	June 6, 1964 Oct. 28, 1965	4 4	3	70 27		Sulphur Fresh	D, S D	Red clay 20;blue clay 72;gravel 81. Water at 80. Sand 9;clay 12;sand 18;blue clay 138;sand gravel 139;toprock. Water at 138 and 139.
Con III " 12 M.Smithrim		S.Earl	Nov. 10, 1964	6	1 1/2	60		"	N	Sand 3;clay 117;hardpan 133. Water at 117.
Con III " 12 " "		"	Nov. 26, 1964	4 1/2	1	110	40	"	N	Clay 115;hardpan 133. Water from 115 to 118.
Con III " 12 " "		"	June 16, 1965	4				"		Sand 3;clay 115;hardpan 164. Dry hole.
Con III " 12 " "		"	June 19, 1965	4				"		Sand 4;clay 102;hardpan 132. Dry hole.
Con III " 12 " "		"	June 25, 1965	4				"		Sand 4;clay 107;hardpan 135. Dry hole.
Con III " 12 " "		"	July 5, 1965	4				"		Sand 4;clay 114;hardpan 149;grey shale 210. Dry hole.
Con III " 12 " "		"	July 10, 1965	4 1/2	8	70	17	Fresh	D, S	Sand 4;clay 116;hardpan 119. Water at 118.
Con III " 14 H.Berghuis		Dolphin & Earl	Apr. 30, 1964	4	3	90	19	"	D, S	Sand 5;clay 122;hardpan 123;gravel 126. Water from 123 to 126.
Con IV " 13 E.Starr		R.Hudson	Oct. 8, 1966	36				"		Sand 5;silty blue clay 20. Dry hole.
Con V " 11 B.Patterson		Dolphin & Earl	Sep. 21, 1965	4	2	90	26	"	D	Yellow clay 15;blue clay 86;sand 121;dark rock 146. Water at 86 and 139.
Con VII " 3 Winter Bros.		"	Oct. 24, 1964	4	3	76	20	Sulphur	D, S	Yellow clay 15;clay 66;hardpan 72;black shale 79;top rock 85. Water at 77 and 78.
Con XII " 2 G.Rowe		R.Hudson	Oct. 17, 1964	36	1	20	13	Fresh	D, S	Sandy clay 24. Water 8 to 24.
Con XII " 19 K.Field		Dolphin & Earl	Mar. 30, 1965	2	4	20	19	"	D, S	Yellow clay 15;blue clay 72;hardpan 86;black shale 111;top rock. Water at 86 and 111.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

Metcalfe Con XII	lot 20	G.Kerney " 5	Dolphin & Earl "	Apr. 16, 1964 Apr. 2, 1966	4 4	3	50	15	Fresh	D, S N	Yellow clay 30; sand 50; hardpan 88; dark rock 93. Water at 89. Sand clay 20; blue clay 137; top rock 212. Dry hole.
Con XIV	"	McLeaus Bros. Constr.	A. Heal	July 25, 1964	5	3	90	21	"	D, S	Yellow topsoil 15; blue clay 109; hardpan 119; loose limestone clay streaks 121. Water at 119.
		" 14 O. Towers									
Mesa Twp. Con I	lot 2	J. Praleugh	Dolphin & Earl	Jan. 13, 1965	4	6	94	70	Fresh	D, S	Yellow clay 15; blue clay 115; hardpan 142; gravel 144. Water at 142 and 144.
Con I	"	M. Nethercott	"	Oct. 19, 1965	4	6	45	40	"	D	Clay 10; blue clay 80; hardpan 90; gravel sand 95. Water from 92 to 94.
Con I	" 17	G. Bell	"	July 20, 1966	4		40	20	"	D	Red sand 6; sand clay 12; clay hardpan 35. Water from 6 to 12.
Con I	" 20	F. Bunda	"	Aug. 13, 1966	4	5	40	42	"	D	Sand 9; clay 81; hardpan 100; gravel 102. Water from 100 to 102.
Con II	" 8	Mesa Twp.	"	Aug. 4, 1966	4	4	55		Sulphur	C	Sand 4; blue clay 60; sand 65; hardpan 94; black gravel 97; black shale 98. Water at 98.
Con II	" 12	J. Mitchell	"	Aug. 15, 1966	5	20	35	10	Fresh	D, S	Yellow clay 10; blue clay 50; hardpan 60; gravel 61. Water at 60 and 61.
Con III	" 1	H. McEachren	R. Lather	July 15, 1967	4	3	60	31	"	D	Sand 6; grey clay 68; clay sand 94; hardpan gravel 96. Water at 96.
Con III	" 11	J. Mitchell	Dolphin & Earl	Aug. 15, 1966	5		30	12	Fresh	D, S	Yellow clay 10; blue clay 47; hardpan gravel 50. Dry hole.
Con III	" 11	"	"	Aug. 15, 1966	5	10			"	D, S	Yellow clay 10; blue clay 45; hardpan 50; gravel 51. Water from 50 to 51.
Con III	" 11	"	Earl & Lather	Oct. 30, 1967	5	8	34	32	"	D, S	Sand 5; grey clay 48; hardpan 53; coarse gravel. Water at 53.
Con III	" 11	"	Dolphin & Earl	Aug. 15, 1966	5	20	35	10	"	D, S	Yellow clay 10; blue clay 50; hardpan 60; gravel sand 62. Water from 60 to 62.
Con IV	" 8	R. Mitchell	R. Lather	Sep. 14, 1966	4	2	90	28	"	S	Sand 5; grey clay 85; hardpan 105; sand gravel 106. Water at 106.
Con IV	" 19	J. McMaster	W. Marsh	Apr. 11, 1967	4	3	40	6	Salty	D, S	Sand 6; clay stones 72; hardpan 85; clay stones 94; top rock 100; rock 144. Water from 72 to 85; sand at 143.
Con V	" 9	L. Chevallier	Dolphin & Earl	Oct. 6, 1966	5				"	D, S	Sand 20; blue clay 73; hard rock 75. Dry hole.
Con V	" 13	"	"	Sep. 23, 1966	5				"	D, S	Yellow sand 10; clay 20; blue clay 90; top black shale 134; top rock 136. Dry hole.
Con V	" 13	"	R. Lather	Oct. 6, 1966	7				"	D, S	Sand 27; clay 65; hardpan. Dry hole.
Con V	" 13	"	"	Jan. 26, 1967	4	2	40	20	Fresh	D	Sand 13; grey clay 70; grey hardpan 91; black shale 95. Water at 92.
Con VI	" 16	W. Stubbs	W. Marsh	Apr. 17, 1967	4	7	15	7	"	D, S	Sand 10; clay 70; hardpan 76; black shale 86. Water from 83 to 86.
Con VIII	" 5	R. McComb	A. Heal	Apr. 30, 1964	4	1	78	20	"	D	Topsoil yellow clay 12; sand 15; sandy clay 25; fine sand soft clay 60; blue clay 65; hardpan 78; black shale 80. Water at 78.
Con VIII	" 6	A. McAlpine	"	Mar. 25, 1964	4	2	31	Flows	"	D	Topsoil sandy clay 8; blue soft clay 37; black gravel 38. Water from 37 to 38.
Con IX	" 5	G. Podolinsky	Dolphin & Earl	May 6, 1967	4	3	65	31	"	D, S	Sand loam 4; yellow clay 12; blue clay 70; hardpan 73; gravel 75. Water from 71 to 75.
Con IX	" 7	V. Foreman	"	July 20, 1965	4	1	140	33	"	S	Clay 17; sand 25; hardpan 34; gravel 37; shale 55. Water at 34.
LEN Range II	" 2	R. Simpson	"	Sep. 17, 1964	4	4			"	S	Yellow clay sand 15; blue clay 127; hardpan 130; hardpan boulders 154; top rock 170; top soapstone 177. Water at 104 and 154.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.									
Mosa Twp. - cont.									
LEN Range II lot	4 R. Simpson	Dolphin & Earl	Sep. 17, 1964	4	4	140	33	S	Yellow clay sand 15; blue clay 127; hardpan 130; hardpan boulders 154; top rock 170; top soapstone 177. Water at 104 and 154.
LEN Range II	7 R. Martin	"	Dec. 14, 1964					N	Yellow clay 15; blue clay 108; sand fine gravel 160; top rock 175 soapstone. Water at 108.
LEN Range II	7	"	Dec. 18, 1964	4	5	35	31	D, S	Yellow clay 15; blue clay 85; hardpan 95; fine gravel 98. Water from 95 to 98.
LES Range I	6 H. Schaecken	R. Luther	Aug. 31, 1966					D	Sand gravel 4; grey clay 110; fine sand 126; hardpan 149; pink clay 156; fine sand 167; hardpan 191; limestone 193; top rock 196. Dry hole.
LES Range I	6	"	Sep. 6, 1966	4	6	55	38	D	Sand gravel 5; grey clay 110; fine sand 120; fine gravel 123. Water at 120.
LES Range I	8 S. Simpson	"	Nov. 12, 1966	4					Sand 6; clay 112; hardpan 132; silt 133; hardpan 155. Dry hole.
LES Range I	8	"	Nov. 22, 1966	4					Sand 6; grey clay 95; hardpan 138; silty sand 139; hardpan 155. Dry hole.
Newbury Village									
	J. Steels	W. Marsh	Mar. 28, 1964	5	4	140	29	D	Red sand 6; sand 8; clay stones 55; sand silt 80; clay stones 104; hardpan 131; top rock 137; soft shale 147. Water at 123 and 146.
	McNaughton Bros	Dolphin & Earl	Apr. 4, 1964					C	Sand 5; blue clay 35; sand 70; hardpan gravel 120; top rock 135; soft top rock or soapstone 153. Dry hole.
	"	"	Apr. 10, 1964	7	1	150	21		Sand 5; blue clay 36; sand 42; gravel hardpan 111; top rock 128; soapstone 160. Water at 116.
	"	"	Apr. 22, 1964					D	Sand 4; yellow clay 12; blue clay 80; sand 86; hardpan 102; top rock 116; top soapstone 117. Water at 80.
	Newbury Legion Hall	"	May 18, 1964	4	2	90	30	D	Sand 10; blue clay 112; hardpan gravel 124; hard grey rock 128. Water at 128.
	Justice Hurdle	W. Marsh & Sons	Nov. 13, 1964	5	10	75	28	D	Sand 47; clay stones 83; hardpan gravel sand streaks 136; top rock 137. Water from 124 to 126 and at 136.
	"	"	Nov. 23, 1965	5	5	38	8	D	Red sand 5; grey sand 38; sand gravel 46; clay 48. Water at 40.
	N. Boden	S. Earl	Dec. 31, 1965	4	15	20	5	D	Sand 15; clay 40; sand gravel 47. Water from 40 to 47.
	D. Steele	W. Marsh	Mar. 5, 1966	8	8	140	37	D	Top sand 8; grey clay 42; fine sand 76; sandy hardpan coarse gravel 126; soft top rock 131; solid rock 135; soft top rock 148. Water from 42 to 72 and at 122.
	P. Jones	Dolphin & Earl	Mar. 5, 1966	4	4	95	32	D	Sand 4; blue clay 120; sand top rock 125. Water at 125.
	C. Degraw	"	Mar. 18, 1966	4	4	102	27	D	Sand 24; blue clay 70; hardpan 120; gravel sand 122. Water at 122.
	Newbury Hospital Board	"	June 21, 1966						Sand 7; sand clay mixture 41. Water at 31.
	"	"	July 9, 1966					P	Sand 7; sandy silty clay 41. Water from 7 to 41, silty.
	"	"	July 11, 1966						Sand 7; sandy silty clay 41. Water from 7 to 41.
	"	"	July 11, 1966	7	40	24	7		Red sand 5; sand clay streaks 30; fine sand gravel 40. Water from 30 to 40.
	"	"	July 16, 1966					P	Sand 7; sandy silty clay 41. Water from 7 to 41. Silty.
	"	"	July 18, 1966	7	40	24	6 1/2		Red sand 5; clay sand gravel streaks 30; sand gravel 38. Water from 28 to 38.
	"	"	July 4, 1966	7	30	25	34	P	Red sand 5; sand 18; coarse sand hardpan 27; gravel 40; clay hardpan 41. Water from 37 to 40.

\* See end of Appendix C for the meanings of abbreviations and symbols.



MIDDLESEX COUNTY - cont. Newbury Village - cont.	A. Watson	W. Marsh & Sons	July 29, 1966	5 1/2	123	45	Fresh	D	Red sand 7; clay stones 40; fine sand 76; clay small stones 121; hardpan 130; grey shale 138. Water from 122 to 130.
North Dorchester Twp.									
Thames River North Survey	lot 1 J. Bird	E. Hussey	May 13, 1964	4	7	24	16	D	Old well 60; boulders 63; stiff hardpan 83; medium fine gravel 86. Water from 83 to 86.
TRN Con I	"	C. Ball	Sep. 25, 1964	36	3	10	4	"	Topsoil 2; gravel 6; blue clay 13. Water at 5.
TRN Con I	"	H. Rouleston	Nov. 28, 1966	5	9	32	18	"	Sand 2; sandy grey clay 62; grey clay 100; sand 103. Water from 100 to 103.
TRN Con I	"	T. Olekson	Nov. 9, 1967	5	8	50	19	"	Sandy clay 8; red clay 30; blue clay 67; coarse sand 68; blue clay 80; fine sand 97. Water at 97.
TRN Con I	"	Burro Gas	Jan. 18, 1967	5 1/2	6	15	15	"	Brown clay 15; blue clay 36; gravel 37. Water at 37.
TRN Con I	"	Hadco Well Digging Ltd.	Oct. 20, 1965					"	Clay 12; rock shale 22. Dry hole.
TRN Con I	"	"	Nov. 3, 1965	5 1/2	25	75	27	"	Sandy brown clay 5; rocks clay 37; sand 41; rocks clay 68; rock 80 clay 93; sand 95; grey rock 106; broken rock 110; broken grey rock 115. Water from 110 to 115.
TRN Con I	"	K. McLeod & Sons	July 26, 1965	5 1/2	5	95	65	"	Brown clay 20; blue clay 50; hardpan stones 116; limestone 118. Water at 118.
TRN Con I	"	Hadco Well Drllg. & Digging	June 14, 1965	4	30	105	55	"	Clay 45; sand 53; gravel 55; clay 70; sand clay 92; gravel 107; grey rock 125. Water from 110 to 125.
TRN Con I	"	M. Jones	Dec. 31, 1964	5	10	20	5	"	Dug well 15; stones clay 55; sandy clay 77; limestone 100. Water at 92 1/2.
TRN Con I	"	R. Helkaa	July 22, 1967	5	5	60	20	"	Gravel large stones 25; clay large stones 50; mixed clay gravel large stones 93 1/2. Water from 90 to 93 1/2.
TRN Con II	"	K. McLeod & Sons	Nov. 24, 1964	4 1/2	5	62	30	"	Brown clay 16; blue clay 25; gravelly hardpan stones 110; limestone 117. Water at 117.
TRN Con II	"	Hadco Well Digging Ltd.	Mar. 28, 1966	5 1/2	10	60	25	Sulphur	Brown sand 38; sandy blue clay 57; gravel brown sandy rock 69; soft brown rock 95; grey rock 110. Water from 105 to 110.
TRN Con II	"	W. Dale	Aug. 18, 1964	4	6	41	35	Fresh	Dug well 35; gravel 38; fine sand 56. Water from 52 to 56.
TRN Con III	"	H. Perry	May 26, 1965	5 1/2	5	36	36	"	Clay 4; gravel 46; coarse sand 48. Water at 48.
TRN Con III	"	"	Aug. 9, 1966	4	2	74	25	Sulphur	Sand 53; gravel 55; clay 64; clay 71; coarse sand 80. Water at 80.
TRN Con III	"	W. Dale	Aug. 13, 1964	5	10	36	29	Fresh	Brown clay 8; grey clay boulders 17; grey clay gravel 41; grey clay 67; grey clay gravel 95; cemented gravel 98; gravel 102. Water at 98.
TRN Con III	"	R. Hudson	Aug. 24, 1966	36	5	28	26	"	Sand 30. Water at 26.
TRN Con III	lot 3 J. Bernard	H. Seigrist	May 15, 1964	4	250	60	30	Sulphur	Sand 6; clay 25; sand 35; clay 60; hardpan 75. Water at 75.
TRN Con III	"	R. Hudson	Nov. 10, 1965	2	20	14	14	Fresh	Gravel 17; blue clay 23. Water at 14.
TRN Con III	"	W. Dale Well Drlg	Feb. 7, 1964	5	9	47	47	Fresh	Topsoil 2; stones grey clay 18; grey clay small stones 62; muddy gravel 68; gravel 71. Water from 68 to 71.
TRN Con III	"	M. Jones	Sep. 7, 1965	6	10	27	22	"	Clay stones 56; light brown limestone 60; fine sand 79; dark brown limestone 89. Water at 88.
TRN Con III	"	Hadco Well Drllg. & Digging	May 27, 1965	4	6	90	65	"	Clay 25; sand 28; clay gravel 83; sand gravel 87; clay gravel 95; clay 104; green rock 112; broken grey rock 122. Water from 112 to 122.
TRN Con III	"	W. Dale	Feb. 18, 1967	5	7	62	33	"	Brown clay 8; brown clay sand 28; fine brown sand 64; brown coarse sand 67; grey clay 68. Water from 64 to 67.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
MIDDLESEX COUNTY - cont. North Dorchester Twp., cont. TEN Con III lot 11 J.Baines		W.Jones	Aug. 25, 1967	5	6	132	40	Fresh	D	Sandy clay 20; fine sand 62; sand clay 92; fine shooting sand 107; broken limestone 110; cemented sand fine gravel 132; grey limestone 135. Water at 135.
TEN Con III "	" 13 D.Hunt	W.Dale	Feb. 6, 1964	5	7	24	20	"	D	Brown clay 8; grey clay 28; fine brown sand 50; sand gravel 56. Water from 55 to 56.
TEN Con IV "	" 11 D.Turpin	Hadoo Well Drilling & Digging Ltd.	Nov. 4, 1966	30	3	20	12	Fresh	D	Topsoil 1; brown clay 11; brown sand 20. Water at 12.
TEN Con IV "	" 12 W.Peddle	W.Dale	Aug. 23, 1966	5	6	108	44	"	D	Brown sand 40; clay sand 52; fine sand 75; gravelly clay 93; cemented gravel 125; grey shale 126. Water from 125 to 126.
TEN Con IV "	" 13 P.Stewart	R.Smith	Aug. 22, 1967	5	10	60	55	"	D	Sandy loam 6; silty brown sand 25; grey brown clay 32; fine brown sand 33; fine grey sand 77; Water from 63 to 77.
TEN Con IV "	" 13 S.Guerra	Hadoo Well Drilling & Digging	Sep. 12, 1967	5	6	100	95	"	D	Topsoil 1; brown clay 23; grey clay 62; gravel 65; grey clay stones 95; hardpan 135; grey limestone 155. Water at 142 and 158.
TEN Con IV "	" 13 J.Shackelton	W.Dale	Dec. 27, 1967	5	5	88	55	"	D, S	Brown clay 8; blue clay 20; blue clay sand 24; blue clay 74; fine brown sand 97; blue clay 98. Water from 74 to 97.
TEN Con IV "	" 14 P.Bugo	"	June 1, 1967	5	10	38	9	"	D	Brown sand 3; grey sand clay 57; cemented gravel 74; hardpan 77; grey shale 100. Water from 37 to 100.
TEN Con IV "	" 15 R.Thatcher	R.Hudson	Mar. 8, 1967	36	1 1/2	18	9	"	D	Topsoil 2; fine sand 18; clay sand 22. Water at 9.
TEN Con IV "	" 17 J.Marr	Hadoo Well Digging Ltd.	Feb. 14, 1967	5 1/4	10	50	30	"	D	Brown sand 5; brown clay sand 20; blue clay stones 75; hardpan 95; gravel. Water at 95.
Thames River South Survey										
TRS Con A "	" 19 G.Tiner	W.Dale	June 28, 1965	4	7	64	44	"	D	sand 97. Water at 95.
TRS Con A "	" 20 B.Griffith	R.Smith	July 12, 1965	5 1/2	8	14	10	"	D	Previously drilled 67; sand 69; boulder. Water from 67 to 69.
TRS Con A "	" 20 E.Freeman	W.Dale	Aug. 29, 1966	5	10	18 1/2	11	Sulphur	D	Hardpan stone 55; gravel 58. Water from 55 to 58.
TRS Con A "	" 21 J.Dzus	K.McLeod & Sons	Apr. 21, 1966	5	6	45	38	"	D	Clay boulder 3; yellow sand 16; blue clay sand 34; blue clay 46; silty sand 51; limestone 52. Water from 51 to 52.
TRS Con A "	" 24 G.Elkington	W.Dale	Apr. 20, 1964	5	4 1/2	93	50	Fresh	D	Brown clay stones 20; hardpan 69; dirty gravel 75; gravel 76. Water at 76.
TRS Con A "	" 24 P.Griffith	"	Oct. 7, 1964	5	10	74	47	"	D	Brown sand 8; grey clay 52; cemented gravel 97; boulder 99; clay gravel 101; boulder 105; clay gravel 118; gravel 119 1/2.
TRS Con B "	" 12 C.Vandeweghe	Hadoo Well Digging Ltd.	July 8, 1964	36	5	17	11	"	D	Water from 118 to 119 1/2.
TRS Con B "	" 13 W.Hendrick's Constr.	"	Mar. 15, 1967	30	4	20	4	"	D	Brown clay 8; brown clay stones 32; grey clay 73; grey clay gravel 87; muddy sand 97; cemented gravel 125; gravel 127. Water from 125 to 127.
TRS Con B "	" 17 K.Martin	"	May 23, 1964	27 1/2	2	19	14	"	D	Topsoil 1 1/2; brown sandy clay 10; brown sand 15; grey coarse sand 20. Water at 11.
TRS Con B "	" 17 C.Brendhurst	"	July 8, 1964	36	15	19	14	"	D	Sand gravel 6; blue clay 8; gravel 10; blue clay 18; blue sand 25; blue clay 26. Water at 6 and 18.
TRS Con B "	" 24 P.Lassalline	W.Dale	Apr. 24, 1967	30	4	20	8	"	D	Topsoil 1; brown sand 16; blue sand gravel 20. Water at 14.
TRS Con B "	" 24 J. Jibb	"	July 31, 1964	5	12	92	23	"	Ir	Topsoil 6; brown sand 7; fine gravel 20. Water at 8.
TRS Con I "	" 2 J. Jibb	K.McLeod & Sons	July 22, 1965	4	5	100	65	Fresh	D	Sandy clay 18; grey clay 48; grey clay gravel 113; hardpan 127; grey shale 130; grey limestone 133; gravelly shale 135. Water from 133 to 135.

North Dorchester Twp. - cont.  
Thames River South Survey cont.

North Dorchester Twp. - cont.  
Thames River South Survey cont.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST B.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE **	LOG AND REMARKS *
MIDDLESEX COUNTY - cont. North Dorchester Twp. - cont.										(Depth to which conditions entered below the surface are given in feet)
TRS Con V lot 24	H. Farquhar	W. Deale	Dec. 9, 1965	4	3 1/2	74	35	Fresh	D, S	Fill 3 brown clay 12; soft grey clay 38; muddy sand 44; grey clay 52; muddy sand 65; sand 71; grey clay 80. Water from 67 to 71.
TRS Con VI "	I. Tracey	W. McBeth	Sep. 30, 1964	5 1/2	5	60	50	"	D, S	Blue clay 40; sand 97; hardpan 99; gravel. Water at 99.
TRS Con VI "	M. Johnson	Hadco Drif. Co	Aug. 17, 1965	5	60	90	50	"	D	Sandy clay 15; blue clay 45; sand clay layers 140; blue clay 160; clay gravel layers 174; sandy gravel 182. Water from 174 to 182.
TRS Con VI "	R. Thornton	W. McBeth	Sep. 15, 1965	5 1/2	5	48	35	"	D	Brown clay 45; hard sand 105; sand 145; sandy soft blue clay 168; hardpan 170; gravel. Water at 170.
TRS Con VI "	W. O'Dwyer	"	Oct. 20, 1966	5 1/2	5	123	60	"	D	Brown clay 40; sticky silty sand 182; fine gravel 185. Water from 182 to 185.
TRS Con VI "	G. Vanderhoeck	E. Mitchell	Jan. 5, 1967	5	5	80	60	"	D, S	Clay 30; sand 35; clay 135; clay sand 190; sand gravel 200. Water from 30 to 35, 180 and 200.
TRS Con VI lot 4	G. Gobel	E. Hoover & Son	Aug. 4, 1966	5	2	45	40	Fresh	D.	Topsoil 2; blue clay 20; gravel 81; fine pesty sand 95; fine sand 97. Water at 95.
TRS Con VI "	M. McIntyre	E. Hoover & Sons	Sep. 22, 1965	5	5	28	18	"	"	Topsoil 3; clay stones 8; sand stones 52; gravel 53. Water at 52.
TRS Con VI "	S. Bennet	W. McBeth	July 17, 1965	5 1/2	5	30	20	"	D, S	Brown clay 40; fine sand 50; stony blue clay 102; hardpan 106; gravel. Water at 106.
TRS Con VI "	R. Peortinga	E. Hoover & Sons	Jan. 24, 1966	5	3	30	20	"	D, S	Topsoil 2; stony clay 22; fine sand gravel 56; putty sand 102; gravel 120. Water at 120.
Parkhill, Town	R. Gooding	R. Hudson	Nov. 30, 1967	42						Blue clay 65. Dry hole.
Strathroy, Town	Strathroy PUC	International Water Supply Ltd.	June 30, 1967	2			2	Fresh	T	Red sand 2; fine sand silt 22; fine sand silt small clay streaks 38; fine sand sand 57; grey clay fine sand streaks 74; fine sand clay streaks 88; grey clay 98; grey clay fine sand streaks 107; grey clay sticky sand 200. Water from 2 to 57.
"	"	"	July 7, 1967	6	27	20	2	"	T	Red sand 3; fine sand clay streaks 24; sand fine sand clay balls 38; brown clay silt 39; fine sand sand streaks 53; silt fine sand clay streaks 82; fine sand silt 86; silt fine sand clay streaks 91. Water from 2 to 53.
"	"	"	July 10, 1967	2					T	Red sand 3; fine sand silt clay streaks 38; grey clay silt streaks 91; grey clay sticky 127. Dry hole.
"	"	"	July 12, 1967	2	40	18 1/2	10	Fresh	T	Red sand 7; grey sand 12; brown sand silt 22; fine sand silt black streaks 25; brown sand 35; brown sand grey silt fine sand 39; silt fine sand grey streaky clay 69; grey sandy clay hard packed 83; grey clay silty streaks 121; grey sticky clay 128.
"	"	"	July 18, 1967	2				"	T	Water from 7 to 39.
"	"	"	July 21, 1967	6	105	10 1/2	3	"	T	Red sand 4; sand fine sand 53; fine sand grey silt 65. Water from 4 to 65.
"	"	"						"	T	Red sand 4; sand fine sand 50; fine sand grey silt 66; fine sand grey silt clay streaks 71. Water from 3 to 66.

MIDDLESEX COUNTY - cont.	Strathroy PUC	International Water Supply Ltd.	Jul.22,1967	2	30	40	Flows	Chloride	T	18-67	Red sand 4;fine sand silt 9;brown sand 57;grey clay 56;sand silt 64;grey clay sand silt streaks 84;grey soft clay 185; gravel sand boulders grey clay streaks 198; cemented sand gravel boulders 201;bedrock. Water at 9 and 198.
"	"	"	Jul.25,1967	2	2				T	9-67	Red sand 3;sand fine sand 29;fine sand grey silt clay streaks 32;fine sand 49;grey clay silt streaks 51. Dry hole.
"	"	"	Jul.26,1967	2					T	10-67	Red sandy clay 4;sand old wood 15;fine sand grey silt clay streaks 68;grey clay silty fine sand streaks 86;grey clay silt 190;sandy grey clay 180;grey silty clay 188;bedrock. Dry hole.
"	"	"	Jul.27,1967	2		9	Fresh		T	11-67	Red sand 4;brown sand 35;sand grey silt clay streaks 40;grey clay silt 48;fine sand silt grey clay streaks 64;grey clay silt 87;fine sand silt clay streaks 120;grey sticky clay 149. Water from 9 to 45.
"	"	"	Jul.28,1967	2		8 1/2	"		T	12-67	Red sand 4;brown medium sand 33;sand fine sand small silt streaks 43;grey clay silt streaks 44. Water from 4 to 44.
"	"	"	Aug. 1,1967	6	22	18 1/2	"		T	13-67	Red sand 4;brown medium sand 33;sand fine sand small silt streaks 42;grey clay silt 48. Water at 33 and 42.
"	"	"	Aug.16,1967	6	45	21	"		T	16-67	Red sand 4;brown sand 33;sand fine sand small silt streaks 44;grey clay silt 43. Water from 8 to 43.
"	"	"	Aug.23,1967	2	20	13	2 1/2	"	T	19-67	Red sand 4;fine sand silt 9;brown sand 57;grey clay streak 58;sand silt 63;silty grey clay sand streaks 70. Water from 3 to 57.
"	"	"	Aug.29,1967	6	56	18	3	"	T	20-67	Red sand 4;fine sand silt 9;brown sand 50;grey sand silt 57;grey clay 58;fine sand silt clay streaks 64. Water from 3 to 57.
"	"	"	July13,1967	2		4	"		T	5-67	Red sand 4;brown sand silt 35;fine sand silt sand 60;grey clay silt streaks 102;sticky grey clay 127. Water from 4 to 60.
"	"	"	Aug.11,1967	2		16	"		T	14-67	Topsoil 4;brown medium sand 35;grey sand silt 78;fine sand silt grey clay streaks 102;grey sticky clay 192. Water from 4 to 78.
"	"	"	Aug.15,1967	2	20	21	16	"	T	15-67	Topsoil 4;brown sand 36;grey sand silt 63;grey sand fine silt clay streaks 79;fine sand silt clay streaks 87. Water from 4 to 63.
"	"	"	July18,1967	2		1	"		T	6-67	Red sand 3;sand fine sand 51;fine sand grey clay streaks 69; silty grey clay silt streaks 78;fine sand silt 17;grey soft clay 116;grey sticky clay 128. Water from 5 to 51.
J. Goemaere	W. Marsh & Sons	May 5,1967	5	1 1/2	150	70	Fresh	D			Sand 6;clay stones 115;hardpan 128;sand 133;stiff gravelly hardpan 150;top rock 170;soft grey shale 244; Water from 128 to 133, 138 to 143 and at 254.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depict to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Hesamaster Twp. Con B	8 J. Norgaard 50 J. Dunn	R. Hudson J. Johnston	May 21, 1965 July 25, 1964	36 5 1/2	5 5	12 160	4 120	Fresh	D	Sand blue clay 8; fine gravel 12; blue clay 15. Water at 8.
Con I	"	W. Dale	Nov. 13, 1964	5	4 1/2	84	34	"	D	Topsoil 2; red clay 11; sand 128; sandy blue clay 160; gravel sand 172; hardpan 209; gravel sand 212; grey shale 213. Water at 209.
Con I	"	R. Helkaa	May 1, 1965	5	3	50	32	"	D	Sandy clay 8; brown clay 23; grey clay gravel 58; blue clay 74; hardpan 92; grey clay 96; sand 99. Water from 96 to 99.
Con I	"	K. McLeod	Nov. 16, 1965	5 1/2	3	90	45	"	D	Clay 27; gravel 29; sand 45; clay 62; sandy clay 95; gravel 92. Water at 95.
Con I	"	W. Hubbert	Dec. 6, 1965	5	10	60	35	"	D	Brown clay 10; blue clay 60; hardpan 85; blue clay 109; sand 110. Water at 110.
Con I	"	Hadco Well Digging Ltd.	June 1, 1964	30	2	18	8	"	D, S	Brown clay 5; grey clay sand 62; grey clay cemented gravel 93; fine sand 95; coarse sand 97; grey clay 98. Water from 95 to 97.
Con I	"	K. McLeod	Sep. 23, 1964	4 1/2	6	35	20	Sulphur	D	Topsoil 1; brown clay 6; brown sand 8; gravel 10; blue clay 20. Water at 8.
Con I	"	W. Dale	Apr. 2, 1964	5	9	69	32	Fresh	D	Sand 30; sand gravel 85; hardpan stones 141; black rock 151. Water at 151.
Con I	"	R. Hudson W. Dale	Nov. 4, 1966 Aug. 17, 1966	36 5	1 7	18 66	4 10	" Sulphur	D N	Yellow sand 21; grey clay 36; grey clay gravel 48; muddy sand gravel 52; grey clay 56; grey clay gravel 70; gravel 95; fine sand 97; sand 103. Water from 98 to 101. Fill 14; blue clay 19. Water at 6. Gravel 98; muddy gravel 101; grey clay 112; grey shale 122. Water from 120 to 122.
Con I	"	Hadco Well Drig.	Oct. 1, 1964	7						Clay 15; blue clay 30; sand 45; sand clay 123; shale gravel 140; sand 162; gravel 169; gravel sand 224; dark grey rock 227. Dry hole.
Con I	"	"	Oct. 2, 1964	7	2	190	60	Sulphur	In	Clay 4; sandy 75; clay 90; sandy clay 167; gravel 183; dark rock 231. Water from 220 to 230.
Con I	"	R. Smith	June 10, 1966	5	6	180	40	Fresh	D	Brown clay 84; dirty sand 84; clay sand 102; blue clay stone 165; clay sand 198; gravel clay 184; gravel clay 187. Water at 84; sand from 184 to 187.
Con I	"	M. Johnson	July 8, 1966	5	3 1/2	188	156	"	D, S	Clay 70; sandy clay 106; fine gravel 148; fine sand 186; coarse sand 188; blue clay 230. Water from 188 to 188.
Con I	"	Hadco Waterwell Drig. Ltd.	Sep. 4, 1964	4 1/2	10	185	170	"	D	Clay 17; blue clay 55; sand clay 70; rock gravel 100; gravel 150; clay 170; coarse gravel 185; cemented gravel 190; sand 202. Water from 185 to 200.
Con I	"	"	Nov. 4, 1964	5 1/2	5	155	155	"	D	Sand clay 14; sand gravel 185; gravel 190; rock 200. Water from 185 to 190.
Con I	"	R. Smith	Nov. 20, 1964	5	10	215	160	"	D, S	Stony brown clay 28; brown sand 165; gravelly brown clay 220; clay stones 229; coarse muddy sand 244; coarse sand 247.
Con II	"	"	Sep. 22, 1966	5	10	75	60	"	D	Water from 244 to 247. Brown clay 19; blue clay 40; silty blue clay 105; stony clay streaks gravel 201; limestone 202; muddy gravel 209; stony clay 211; brown limestone 215; black shale 216. Water at 215.
Con II	"	W. Dale	Feb. 9, 1966	5	11	28	21	"	D	Topsoil 2; brown clay 15; sandy grey clay 3; grey clay gravel 55; blue clay 117; muddy sand 125; grey clay 153; cemented gravel 209; shale 211; limestone 215. Water at 215.

\* See end of Appendix C for the meanings of abbreviations and symbols.



## MIDDLESEX COUNTY - cont.

Westminster Con II	Twp.	lot10 E. Madier	W. Dale	Aug. 22, 1966	4	9	32	29	Fresh	D,S	Well pit 3; brown clay 11; grey clay 37; soft yellow clay 47; muddy sand 50; coarse sand 63; sandy clay 65. Water from 59 to 60.
Con II	"	15 A. Beattie	E. Smith	Aug. 18, 1966							Brown clay 15; stony brown clay 22; blue clay 82; silty sand 138; sandy blue clay 145; silty sand 163; stony blue clay 223; stony blue clay 225. Dry hole.
Con II	"	"	"	Aug. 29, 1966	5	6	169	80	Fresh	D	Brown clay 22; silty brown sand 34; silty blue clay 97; silty sand 163; stony blue clay 169; gravel 171. Water at 169.
Con II	"	30 B. Hunt Windows	"	Nov. 13, 1966	5	10	50	40	"	In	Brown clay 22; blue clay 55; sandy blue clay 62; stony blue clay 83; muddy coarse sand 84; stony blue clay 96; muddy coarse sand 97; stony clay 156; coarse sand 160; stony clay 165. Water at 156.
Con II	"	31 Pattons Place	I. Lounsbury	Jan. 2, 1964	5	4	60	38	"	C	Gravel fill 3; hard yellow clay 12; blue clay 78; hardpan 89; gravel 91. Water from 89 to 91.
Con II	"	32 O. Dale	W. Dale	July 3, 1964	4	10	52	33	"	D,S	Topsoil 2; soft grey clay 31; muddy sand 52; fine sand 67. Water at 52.
Con II	"	32 B. Falement	I. Lounsbury	Mar. 4, 1965	5	8	36	15	"	D	Gravel fill 4; yellow clay 12; blue clay 28; grey sand 39. Water from 28 to 39.
Con II	"	32 T. Johnstone Co. Ltd.	"	Nov. 20, 1966	5	6	80	52	"	D,S	Overburden 12; clay 91; dirty sand 102; fine sand 106. Water from 102 to 106.
Con II	"	33 London Trailers Sales	R. Hudson	Sep. 22, 1965	36	16	35	28	"	C	Blue clay 28; fine sand 42. Water at 28.
Con II	"	33 J. Rigby	I. Lounsbury	Sep. 5, 1967	5	3	38	23	"	P	Overburden 12; pit gravel 19; clay 31; fine sand 43. Water at 38.
Con II	"	35 Crich Holdings & Bldgs. Ltd.	"	June 10, 1967	5	3	190	70	"	In	Overburden 12; clay 108; hardpan 163; clay 193; sand gravel 197. Water at 193.
Con II	"	36 H. Kaak	R. Hudson	July 7, 1964	36	5	30	18	"	D,S	Brown sandy clay 18; sand 34. Water at 18.
Con II	"	36 N. Spivack Co. Ltd.	W. Dale	June 15, 1965	4	15	22	18	"	In	Fill 4; brown clay 16; sand 28; muddy sand 36; fine sand 48; sandy clay 54. Water from 36 to 48.
Con II	"	"	"	June 15, 1965	4	25	30	18	"	In	Fill 4; brown clay 16; sand 28; silty sand 38; fine sand 48; sandy clay 54. Water from 40 to 48.
Con II	"	"	"	June 22, 1967	4	30	17	7	"	In	Fill 4; sand clay 15; fine sand 40; grey clay 46. Water from 15 to 40.
Con II	"	37 Produce Supply & Service Co.	J. Weaver & Son	Sep. 28, 1964	2	7	7	32	"	C	Brown stony clay 12; blue stony clay 32; blue quicksand 39. Water at 32.
Con II	"	38 Hollandia Gardens Ltd.	W. Dale	Nov. 4, 1964	4	8	53	9	"	D	Topsoil 2; brown clay 15; sandy clay 17; grey clay 36; fine sand 51; grey clay 56. Water from 41 to 50.
Con II	"	48 P. Uitermark	Hadco Well Drllg. & Digging Ltd.	May 17, 1967	30	6	37	26	"	D	Topsoil 2; brown sandy clay 18; blue clay 28; gravel 32; blue clay 39; gravel 40. Water at 28 and 39.
Con III	"	1 G. Manning	W. Dale	June 9, 1964	4	12	54	21	"	D	Topsoil 2; brown clay stones 25; muddy sand 63; fine sand 70; grey sandy clay 75. Water from 63 to 70.
Con III	"	1 C. Wright	R. Smith	Jan. 21, 1966	5	10	14	14	"	D	Brown clay 15; boulders 18; brown clay 28; sandy brown clay 60; fine brown sand 68. Water at 60.
Con III	"	5 W. Thompson	W. Dale	May 9, 1964	4	21	54	29	"	D,S	Brown clay 8; grey clay stones 45; muddy sand 52; grey clay 60. Water from 45 to 52.
Con III	"	7 R. Carrothers	R. Hudson	July 5, 1965	36	10	35	26	"	D,S	Brown sand 25; sand 41. Water at 26.
Con III	"	7 C. Knight	"	Dec. 8, 1965	36	5	35	25	"	D	Brown clay 12; fine sand 39; blue clay. Water at 25.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST 6.7 MI. FEET	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
MIDDLESEX COUNTY - cont. Westminster Twp. - cont.										
Con III	R. Keron	R. Hudson	Aug. 23, 1967	36	20	40	18	Fresh	D, S	Brown clay 10; blue clay 44; gravel 45. Water at 44.
Con III	" 10 Leidlav	W. Dale	June 15, 1967	4	11	39	25	"	D	Sandy loam 2; brown clay 10; grey clay 49; muddy sand 62; fine sand 71; sandy clay 74. Water from 66 to 70.
Con III	Transport Properties Ltd	I. Lounsbury	Feb. 20, 1965	7	30	134	50	"	P	Gravel fill 3; yellow clay 15; blue clay gravel 20; blue clay 50; grey sand 55; blue clay 128; hardpan 143; gravel 151. Water from 141 to 151.
Con III	" 15	"	Jan. 29, 1965	7						Full 2; blue clay 45; grey sand 55; blue clay 116; hardpan 153; gravel 154; hardpan 202. Dry hole.
Con III	" 15	"	Feb. 7, 1965	7	10	150	50	Fresh	N	Full 2; blue clay 35; grey sand 53; blue clay 138; gravel 141; hardpan 158; gravel 158; hardpan 203; blue shale 210. Water from 148 to 158.
Con III	" 20 Amway of Canada	D. Loughheed Co.	Aug. 6, 1964	6	5	90	34½	"	C	Topsoil 1; clay 75; dirty sand gravel 77; clay 83; cemented gravel 100; clay gravel 133; fine sand 138. Water at 133.
Con III	" 20	W. Dale	Sep. 6, 1967	5						Brown clay 17; blue clay 40; soft blue clay 65; grey clay 78; grey clay streaks sand gravel 154; cemented gravel 176; grey limestone 180; clay gravel 184; black shale 200; black lime-stone 202. Water from 172 to 176.
Con III	" 20	"	Sep. 22, 1967	5	10	64	45	Fresh	D	Brown clay 11; blue clay 32; blue clay sand 40; blue clay 38; muddy sand 64; clay gravel 73; clay gravel 94; fine silty sand 95; coarse sand 96; blue clay 97. Water from 95 to 96.
Con III	" 21 G. Beatty	R. Smith	June 28, 1965	5	10	85	38	"	D	Stony brown clay 20; sandy blue clay 63; gravelly blue clay 90; muddy coarse sand 91; gravelly brown clay 118; coarse sand 119. Water at 118.
Con III	" 23 Cardinal Sales of London	W. Dale	Jan. 19, 1966	5	1½	126	66	"	D	Brown clay 8; grey clay gravel 46; soft clay 53; grey clay 102; muddy gravel 105; cemented gravel 133; grey clay gravel 153; grey clay 183; packing sand gravel 187. Water from 183 to 187.
Con IV	" 1 B. Morgan	R. Smith	Apr. 6, 1964	2	8		18	"	D, S	Clay 30; brown fine sand 36; fine sand 42. Water from 36 to 42.
Con IV	" 1 A. Greenwood	W. Dale	June 12, 1964	4	10	25	15	"	D	Topsoil 2; brown clay 20; muddy sand 42; fine sand 52. Water from 46 to 50.
Con IV	" 1 D. Bright	"	Dec. 17, 1964	4	8	25	17	"	D	Topsoil 2; brown clay 11; grey clay 23; grey clay sand 42; fine sand 64. Water from 61 to 64.
Con IV	" 7 W. Seagers	"	Sep. 2, 1964	4	9	44	39	"	D	Brown clay 8; sandy clay 22; grey clay 56; fine sand 69; soft blue clay 110; solid blue clay 112. Water from 64 to 68.
Con IV	" 8 A. Duncanson	"	Mar. 26, 1964	5	10	85	72	"	D	Brown clay 18; grey clay 69; muddy clay gravel 72; grey clay 130; blue clay 163; grey clay 259; cemented gravel 270; grey shale 277. Water from 276 to 277.
Con IV	" 13 G. Blake	R. Hudson	Sep. 16, 1965	36	10	35	16	"	D	Blue clay 38; sand. Water at 38.
Con IV	" 13 J. Achman	"	July 12, 1966	36	20	25	10	"	D	Brown clay 20; blue clay 38; sand 39. Water at 38.
Con IV	" 14 T. Smets	"	Dec. 22, 1965	36	4	35	20	"	D	Sandy clay 10; blue clay 33; fine sand 35. Water at 33.
Con IV	" 16 H. Emilton	"	Oct. 19, 1965	36	10	14	8	"	D	Brown clay 5; fine sand 18. Water at 8.
Con IV	" 16 C. Johnston	"	May 31, 1967	36	5	15	8	"	D, S	Sandy clay 10; fine sand 22. Water at 10.
Con IV	" 17 Dr. F. Mader	W. Dale	Jan. 10, 1967	5	30	58	51	"	D, S	Brown clay 10; brown sand 27; grey clay 97; grey clay gravel 103; coarse sand 167; muddy gravel 168.
Con IV	" 19 B. Stevens	R. Hudson	Oct. 20, 1965	36	10	45	42	"	D, S	Brown clay 20; blue clay 40; gravel 52. Water at 42.
Con IV	" 19 R. Philbbs	W. Dale	Oct. 1, 1966	5	9	80	62	"	D	Topsoil 2; grey clay gravel 22; sandy clay 38; grey clay 101; grey clay gravel 140; gravel 145; muddy gravel 146. Water from 141 to 144.
Con IV	" 20 M. Brown	R. Smith	Dec. 8, 1966	5	9	130	75	"	D, S	Sandy loam 8; brown clay 24; blue clay 52; stony blue clay 71; clay stone 75; gravelly brown clay 125; coarse sand 132. Water at 125.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

[illegible]



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
MIDDLESEX COUNTY - cont. Westminster Twp. - cont.										
Con V	Lot 24 P. Ackworth	H. Smith	May 15, 1965	5 1/2	10	110	100	Sulphur	D	Brown clay 20; blue clay 80; hard stony clay 230; rock 231. Water at 230 1/2.
Con VI	" 1 Bell Telephone Co.	W. Dale	Feb. 3, 1964	5	10	43	40	Fresh	D	Topsoil 1; soft grey clay 10; grey clay 29; sandy clay 34; grey clay 78; soft grey clay 159; gravel streaks fine sand 161. Water from 159 to 161.
Con VI	" 12 S. Sweet	Hadco Well Digging Ltd.	Dec. 21, 1964	30	2	38	36	"	D	Brown clay 15; blue clay 35; silty sand 58. Water from 36 to 58.
Con VI	" 17 J. VanDiepen	W. Dale	Nov. 14, 1967	5	12	75	75	"	D, S	Brown clay 20; grey clay 58; soft grey clay 125; clay sand gravel 150; clay gravel 168; gravel sand 175. Water from 171 to 174.
Con VII	" 4 R. Taylor	R. Hudson	Dec. 10, 1965	44	8	70	60	Fresh	N	Brown clay 20; blue clay 40; gravel 41; blue clay 48. Dry hole.
Con VII	" 4 E. Mitchell	E. Mitchell	Oct. 22, 1966	5	12	38	32	"	D, S	Clay 7; sand clay 125; sand 140. Water from 132 to 140.
Con VII	" 6 D. Black	W. Dale	Apr. 18, 1966	5	12	38	32	"	D, S	Topsoil 2; brown clay 18; grey clay gravel 42; grey clay 64; blue clay 88; sandy clay 116; gravel 119; cemented gravel clay 128. Water from 116 to 119.
Con VII	" 14 C. Kirk	H. Smith	Mar. 28, 1964	5	12	80	75	"	D, S	Brown clay 26; blue clay 60; streak sand clay 160; good sand 186. Water at 160.
Con VII	" 15 R. Fisher	Hadco Well Digging Ltd.	Feb. 5, 1965	30	2	47	40	"	D	Topsoil 6; brown clay 12; blue clay 37; brown sand 42; blue clay 50. Water at 40.
Con VII	" 16 R. Hudson	W. McGee	June 22, 1965	5 1/2	5	26	20	"	D	Blue clay 40; sand 45; hardpan 100; gravel 103. Water at 100.
Con VII	" 19 H. Johnston	R. Smith	Jan. 30, 1964	5	10	137	135	"	D, S	Brown clay 21; blue clay 42; sandy clay 74; brown sand 81; gravel brown clay 165; brown sand 172; coarse grey sand 183. Water at 172.
Con VIII	" 5 A. Willisie	W. Dale	Aug. 15, 1967	5	8	86	29	"	D	Brown clay 8; blue clay 40; blue clay gravel 70; soft blue clay 98; sandy clay 100; blue clay gravel 138; sand 143. Water from 138 to 143.
Con VIII	" 9 C. Dale	"	Dec. 12, 1966	5	5	91	34	Fresh	D	Brown clay 14; blue clay 22; silty sand 24; blue clay 112; muddy gravel 120; silty brown sand 126; sand 128; silty sand streaks clay 131. Water from 126 to 128.
Con VIII	" 16 H. Fisher	"	Jan. 20, 1964	5	10	95	83	"	D, S	Grey clay 56; gravelly clay 79; blue clay stone 95; clay gravel 110; sand gravel 139; clay sand 167; fine brown sand 170; sand gravel 184. Water from 180 to 184.
Con VIII	" 17 J. Palmer	R. Smith	Feb. 25, 1966	5	10	115	110	"	D	Brown clay 18; blue clay 42; sandy brown clay 58; stony brown clay 93; streaks clay sand 127; coarse sand 138. Water at 127.
Con VIII	" 22 W. Smbert	W. Dale	July 7, 1967	5	3 1/2	108	58	"	D, S	Brown clay 3; grey clay gravel 20; blue clay 4; grey clay 91; grey clay gravel 168; gravel 165; grey clay gravel 167. Water from 162 to 165.
Con IX	" 15 H. Bale	Hadco Well Drlg. & Digging Ltd.	Nov. 11, 1964	5 1/2	1 1/2	75	65	"	D	Clay 24; sand 40; rock 42; gravel 85; sandy clay 211; gravel 213; soft rock 224; gravel 226; rock 230. Water from 224 to 230.
Gore	" 1 P. Eagan	R. Hudson	Nov. 17, 1964					"		Gravel 4; blue clay 40; quicksand 42. Some water too slow.
Gore	" 1	W. Dale	Jan. 11, 1965	5	2	128	64	"	D	Dry hole.
Gore	" 18 G. Gowanlock	R. Hudson	July 11, 1964	36				"		Topsoil 2; gravelly clay 6; brown clay 14; grey clay 42; sandy clay 62; muddy sand 84; black clay 106; grey clay gravel 139; sharp gravel 142. Water from 139 to 142.
NTR	" 61 M. Stunderus	"	Nov. 22, 1967	36	4	10	5	"	D	Gravel 7; blue clay 20. Dry hole.
NTR	" 64 L. White	Hadco Well Drlg. & Digging	July 7, 1967	30	25	6	6	"	D	Silty brown clay 7; sand 8; blue clay 12. Water at 7.
NTR	" 70 J. Spragg	R. Hudson	Feb. 23, 1966	36	5	12	8	"	D	Brown sandy clay 5; gravel 7; blue clay 25. Water at 7.
										Sand 15. Water at 8.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.  
Westminster Twp. - cont.

NTRH	lot 70	E. Corrigan	R. Hudson	Sep. 1, 1966	2	15	4	Fresh	D	Sand 7; blue clay 21. Water at 4.
NTRH	"	"	"	Sep. 2, 1966	5	10	6	"	"	Sand 13; blue clay. Water at 6.
NTRH	"	"	"	Sep. 3, 1966	3	4	8	"	"	Sand 15; blue clay. Water at 8.
NTRH	"	C. DiCarlo	"	Feb. 10, 1967	3	20	8	"	"	Sand 12; blue clay 22. Water at 8.
NTRH	"	E. Corrigan	"	Sep. 6, 1967	5	18	10	"	"	Sand 18; blue clay sand 21. Water at 10.
NTRH	"	"	"	Sep. 5, 1967	4	12	7	"	"	Sand 13. Water at 7.
NTRH	"	M. Bouwman	"	Aug. 16, 1965	15	75	75	"	"	Sand 6; clay 31; sand clay 62; hardpan 142; sand gravel 146. Water from 142 to 146.
NTRH	"	"	Hadco Well Digging Ltd.	Aug. 31, 1965	30	2	22	"	"	Topsoil 1; brown sand 4; grey sandy clay 32; grey sand gravel 36; grey clay 38. Water at 32.
NTRH	"	J. Westeinde	W. Dale	Apr. 13, 1967	5	84½	5	"	D, S	Clay stones boulder 19; sand streaks clay 119; sand 124; silty clay 130. Water from 119 to 126.
NTRH	"	D. Flaherty	R. Smith	July 14, 1967	5	130	122	"	"	Brown clay 15; sandy brown clay 23; silty brown clay 56; coarse sand 65; sandy brown clay 12; silty grey sand 138; fine grey sand 155; coarse sand 159; fine sand 161; black clay 162. Water from 159 to 161.
NTRH	"	J. Weldon	W. Dale	July 27, 1967	5	128	42	"	D, S	Brown clay 20; gravel clay 36; gravelly clay 38; blue clay 92; grey clay gravel 128; grey clay 187; hardpan 195; grey clay 212; flat gravel 214; muddy gravel 215. Water from 212 to 214.
NTRH	"	J. Swindell	I. Lounsbury	Jan. 10, 1966	5			Sulphur	D	Topsoil 6; blue clay 161; sand 218; soft shale stones 227. Water at 227.
NTRH	"	"	"	Sep. 20, 1966	5	100	60	Fresh	D	Topsoil 6; blue clay 158; conglomerate 170; fine sand 172. Water at 172.
NTRH	"	R. Thomas	W. Dale	Apr. 20, 1967	5	87	79	Sulphur	D	Brown clay 9; blue clay 38; silty sand 40; blue clay small stones 97; grey clay small stones 204; clay streaks muddy sand 287; blue clay muddy sand 312; soapstone 320; gravel sand 321. Water from 320 to 321.
NTRH	"	"	"	Aug. 27, 1964	5	7	150	Fresh	D	Yellow clay 8; blue clay gravel 14; blue clay 195; hardpan 215; blue clay 239; gravel 245. Water from 239 to 245.
NTRH	"	"	"	Aug. 29, 1961	1½	8	18	"	D	Topsoil 1; brown stony clay 10; blue clay 16; brown clay 18; blue quicksand 21; blue clay 23; blue quicksand 28. Water at 18 and 23.
NTRH	"	B. Cannon	I. Lounsbury	Oct. 18, 1964	36	1	35	"	D	Brown clay 12; blue clay 32; gravel 36; blue clay 41. Water at 32.
NTRH	"	J. Zimmerman	J. Weaver & Son	July 22, 1966	36	4	10	"	D	Sand 16; sandy blue clay 17. Water at 5.
NTRH	"	"	"	June 1, 1965	27½	2	51	"	D	Topsoil 1; brown clay 16; blue clay stones 42; gravel 48; blue clay 53. Water at 42.
NTRH	"	M. Zabevalye	Hadco Well Dr.-lg. & Digging	Sep. 25, 1965	30	½	55	"	D	Brown grey clay 45; boulders 48; grey clay 58; brown sand 60; sandy clay 67; blue sand 68; grey clay 70. Water from 55 to 60 and from 67 to 68.
NTRH	"	"	"	June 3, 1965	30	6	50	"	D	Topsoil 1; brown clay 12; blue clay stones 42; blue sand 50; blue clay 55; gravel 56. Water at 42 and 55.
NTRH	"	"	"	June 22, 1967	30	4	29	"	D	Topsoil 1; brown clay 12; blue clay 27; gravel 30; blue clay. Water at 27.
NTRH	"	"	"	Sep. 22, 1964	30	3	44	"	S	Topsoil 1; brown clay 8; brown sand 44. Water at 37.
NTRH	"	"	"	Aug. 30, 1965	30	2	30	"	D	Topsoil 1; brown sand 4; brown sand 11; grey clay 40; grey sand 50; brown sand 53; grey sand 57; grey clay sand 58. Water at 53.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
MIDDLESEX COUNTY - cont. Westminster Twp. - cont. NTRW lot 72 J.Chevallier		I.Lounsbury	July 27, 1964	5	7	130	98	Fresh	D	Brown sandy soil yellow clay 12; blue clay 45; gravel 50; blue clay 70; grey sand 107; blue clay 155; hardpan 168; gravel 169. Topsoil 1; brown clay 3; gravel sand 14; brown clay sand 17; blue clay 28. Water at 28.
NTRW " 72 C.Versteegh		Hadco Well Digging Ltd.	May 25, 1964	27½	2	25	12	"	D	Topsoil 1; brown clay 11; blue clay 42; gravel 44; blue clay 60; blue sand 62. Water at 42 and 60.
NTRW " 73 G.McKerls		"	Nov. 14, 1966	30	5	62	35	"	C	Topsoil 1; gravel 16; brown clay sand 26; blue clay 55; brown silty sand; 60; blue clay 95; sand gravel 110; muddy sand 112. Water from 95 to 110.
NTRW " 75 W.Pack		W.Dale	Oct. 27, 1965	5	10	87	87	"	D, S	Blue clay 18; coarse gravel 28; fine gravel 36. Water at 20.
NTRW " 76 G.Ross		B.Hudson	July 18, 1967	36	10	34	28	"	D	
West Missouri Con I lot 1 H.McDowell		J.Johnston	Apr. 15, 1964	4	5	26	28	Fresh	D	Topsoil 2; red clay 8; sand 13; blue stony clay 68; hardpan 96; gravel 104. Water at 96.
Con I " 1 D.Johnston		"	May 10, 1964	4	5	24	26	"	D	Topsoil 2; sand 5; red clay 11; blue stony clay 66; hardpan 94; gravel 102. Water at 94.
Con I " 1 Berg Equipment		M.Jones	Dec. 8, 1966	6	12	52	45	"	C	Blue clay 58; sandy clay 84; clay stones 98; fine sand clay stone 144; dark brown limestone 153. Water from 150 to 153.
Con I " 2 Somerville Industries		International Water Supply Ltd	June 4, 1965	8	90	48	28	"	In	Fill 2; silty clay 4; clay streaks sand gravel 14; clay gravel 34; sandy clay 57; cemented clay fine gravel 91; coarse sand fine gravel 93; fine gravel sand 103; fine silty sand. Water at 103.
Con I " 8 L.Ivanchenko		M.Jones	Feb. 16, 1966	5	12	55	45	"	D	Clay stones 61; gravel 65; clay stones 80; fine sand 90; coarse sand 93. Water from 90 to 93.
Con I " 8 M.Hewerdine		"	July 21, 1965	5	12	60	36	"	D	Open well 21; clay small stones 78; sandy clay stones 92; limestone 130. Water at 119.
Con I " 9 Upper Thames River Conservation Auth.		W.Dale	Feb. 24, 1967	7	15	62	36	"	D	Grovelly loam 4; coarse gravel 29; grey clay 46; fine brown sand 117. Water from 117 to 119.
Con I " 16 H.Walker		B.Hudson	Dec. 5, 1964	36	1	20	10	"	D	slit 65; coarse brown sand 72; grey clay soft shale 73. Water from 65 to 72.
Con I " 16 G.Foster		M.Jones	Oct. 12, 1966	5	10	45	25	"	D, S	Brown clay 1; quicksand 20; blue clay 24. Water at 15.
Con I " 36 Gleen Bros.		W.Hopper & Sons	July 16, 1965	4	10	155	148	"	D, S	Clay 56; gravel 58; blue clay 60; sand 66. Water from 60 to 66.
Con II " 1 M.Hogan		M.Jones	Mar. 17, 1966	5	7	70	51	"	D	Yellow clay stones 16; blue clay stones 65; hardpan 107; brown rock 200. Water at 198.
Con II " 1 T.Clewley		"	Mar. 26, 1966	5	20	55	40	Sulphur	D	Sandy clay 28; fine sand 65; sandy clay stones 78; fine sand stones 110; coarse sand 115. Water at 115.
Con II " 1 H.Thorup		"	Nov. 12, 1966	5	10	45	32	Fresh	D	Blue clay 45; sort yellow clay 125; coarse sand 133; brown limestone 146. Water at 144.
Con II " 1 M.Hornbrook		"	May 24, 1967	5	20	32	24	"	D	Dug well 22; blue clay 58; coarse sand 60; blue clay stones 90; coarse sand 96. Water from 90 to 96.
Con II " 2 G.Marsh		"	Jan. 13, 1965	5	6	60	30	"	D, S	Yellow clay 6; blue clay 40; sandy blue clay stones 127; brown limestone 136. Water at 136.
										Yellow clay 8; sandy clay 10; blue clay 28; sandy gravel 30; sand clay hardpan 103; coarse sand 106. Water at 103 to 106.

\* See end of Appendix C for the meanings of abbreviations and symbols.



## MIDDLESEX COUNTY - cont.

West Missouri Twp. -cont.

Con II	lot 4	A.Armour	M.Jones	June 24, 1964	4	10	30	27	Fresh	D,S	Clay 18;gravel 22;clay streaks gravel 90;soft grey limestone 95;fine sand 97;soft grey limestone 100;fine sand 105;dark brown limestone 110. Water at 108. Brown clay 10;blue clay 11;stone 48. Dry hole. Sandy clay 55;fine sand 60;cemented sand 116;coarse sand 120. Water at 120. Red clay 12;blue clay 32;gravel 34;sandy clay 95;coarse sand 96. Water from 95 to 96. Dry well 23;clay 31;sand 43;clay 48;fine gravel 50;sandy clay 97;limestone 110. Water at 110. Gravel 15;clay. Water at 12. Blue clay stones 42;gravel 46;clay stones 60;stones sand 61. Water at 60. Clay stones 40;sandy clay 80;fine sand 96;blue clay 100;sand clay 163;dark brown limestone 171. Water from 170 to 171. Clay stones 80;coarse gravel 85;blue clay 95;fine gravel 127;limestone 200. Water at 149. Sand 8;blue clay 18;gravel 20. Water at 4. Clay 22;gravel 25;blue clay stones 122;limestone 125. Water at 125. Sandy clay 8;hard blue clay 20;sand 24;hard blue clay 24. Water at 20. Fine sand 38;soft sandy clay 63;blue clay 68;soft sandy clay 92;fine sand 103;fine gravel 104. Water at 103. Dug well 20;hardpan boulders 50;hardpan 100;grey limestone 118. Water from 110 to 118. clay stones 25;fine sand 30;sandy clay 70;clay hardpan 92;soft grey limestone 96. Water from 95 to 96. Topsoil 1;grey clay 90;coarse sand 101;brown limestone 129. Water from 127 to 129. Dug well 12;coarse gravel 15;clay 20;clay stones 55;sand 60;yellow clay 8;blue clay stones 65;sandy gravel stones 79;light brown limestone 107. Water from 82 to 107. Dug well 17;limestone 107. Water from 82 to 107. from 60 to 65 and at 96 and 119. Clay 30;stony clay 40;coarse sandy clay 57;clay 73;limestone 80. Water from 79 to 80. Sandy clay stones 59;fine sand stones 86;limestone 97. Water at 97. Sandy clay loam 8;blue clay 82;coarse sand 83. Water from 82 to 83. Blue clay 30;sandy clay 54;blue clay 80;fine sand 90;limestone 93;blue clay 121;limestone 123;fine sand 124;limestone 135. Water at 134.
Con II	"	H.Vanderghenst	R.Hudson	Aug. 30, 1966	5	20	20	10	Fresh	D	
Con II	"	J.DeFreest	M.Jones	Mar. 13, 1967	5	20	20	10	Fresh	D	
Con II	"	H.Vanderghenst	"	June 10, 1967	5	8	40	10	"	D	
Con II	"	R.Murphy	"	Jan. 30, 1964	4	20	30	23	"	D,S	
Con II	"	L.Urquhart	"	Oct. 4, 1965	36	40	14	12	"	D	
Con II	"	L.Trudgeon	"	Nov. 19, 1965	5	30	45	30	"	D,S	
Con II	"	H.Hudson	"	Aug. 31, 1965	5	12	100	90	"	D,S	
Con II	"	W.Hardie	"	Oct. 19, 1964	5	8	140	120	"	D,S	
Con III	"	J.Sholdice	R.Hudson	June 22, 1964	36	2	8	4	"	D	
Con III	"	St. George's	M.Jones	June 8, 1965	5	8	100	50	Sulphur	N	
Con III	"	Sport Society	R.Hudson	Nov. 4, 1966	36	1	20	16	Fresh	P	
Con III	"	H.Clark	M.Jones	Nov. 6, 1965	5	8	47	27	"	D,S	
Con III	"	P.Rawlings	I.Lounsbury	Feb. 16, 1964	5	4	18	11	"	D	
Con III	"	S.Kwistkowski	M.Jones	May 16, 1964	4	6	16	16	Sulphur	D	
Con III	"	N.McCallum	"	Nov. 23, 1967	5	6	48	16	Fresh	D	
Con III	"	P.Ware	"	Jan. 22, 1964	5			Flows	"	D,S	
Con III	"	V.Rogers	"	Dec. 8, 1966	5	4	80	22	"	D	
Con III	"	G.Hatherell	"	Feb. 17, 1964	4	6 1/2	100	6	"	D	
Con III	"	O.Petterson	"	Nov. 19, 1965	5	15	28	16	Sulphur	S	
Con III	"	W.Waugh	"	Sep. 30, 1965	5	8	58	30	Fresh	D	
Con III	"	W.Schiffer	"	Oct. 3, 1966	5	15	25	25	"	D	
Con III	"	M.Durton	"	Jan. 21, 1964	4	20	40	40	"	S	

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
MIDDLESEX COUNTY - cont. West Missouri Con III	Twp.-cont. lot 20 R.Benati	M.Jones	June 25, 1965	4	12	100	40	Fresh	D,S	Clay stones 22;fine gravel 37;fine sand clay streaks 126;lime-stone 140. Water at 139.
Con III	" 21 H.McCutcheon	"	Feb. 3, 1964	5	8	60	25	"	D,S	Clay 15;sand gravel 25;clay 35;gravel 38;clay 112;sand gravel 130;limestone 139. Water at 138.
Con III	" 21 T.McCutcheon	"	Mar.10,1965	4	10	100	39	Sulphur	D,S	Yellow clay 8;gravel 12;blue clay 57;gravel 63;hard clay 84; gravel 89;gravel hardpan 126;coarse sand 136;light brown lime-stone 141;dark brown limestone 180. Water at 141 and 180.
Con III	" 23 G.Blight	Steinman & Baird	Apr. 6, 1964	5	10	65	52	Fresh	D,S	Brown sandy clay 8;gravelly grey clay 18;gravelly grey hardpan 56;gravelly grey clay 80;gravelly grey hardpan 95;gravelly hardpan 104;grey gravelly hardpan 130;gravelly hardpan 139; brown grey limestone 150. Water at 145 and 150.
Con III	" 23 H.Turner	R.Hudson	June 23, 1964	3 1/2	3	16	4	"	D,S	Hard brown clay 18. Water at 4.
Con III	" 28 L.Pearson	M.Jones	Sep.28,1965	5	8	20	80	"	D,S	Clay stones 40;sandy clay 130;stony blue clay 137;fine sand 148;coarse sand 152. Water at 152.
Con III	" 33 H.Lindsay	"	Jan. 4, 1964	4	8	110	78	"	D,S	Clay 4;sand 8;sandy clay 50;shooting sand 60;clay hardpan 120;limestone 146. Water at 144.
Con IV	" 1 P.Socan	K.McLeod & Sons	Nov. 2, 1967	4 1/2	40	20	2	"	D	Sand 18;blue clay 30;hardpan 70;gravel 79;gravelly hardpan 88;rock 89. Water at 89.
Con IV	" 3 F.Nicholls	W.Dale	Sep.27,1967	5	10	11	9	"	D	Topsoil 3;brown clay 15;fine sand clay 26;gravel 40;dirty gravel 41. Water from 26 to 40.
Con IV	" 9 G.Johnson	H.Siegrist	Jan. 4, 1964	5 1/2	5	27	25	"	D,S	Topsoil 2;brown clay 12;stones brown clay 42;gravel clay 45; blue clay 75;clay gravel stones 90;grey limestone 93. Water at 93.
Con IV	" 10 H.Jones	"	Feb.19,1964	4	5	60	16	"	D,S	Topsoil 2;stony clay 20;sand stones 50;clay 60;gravel hardpan 95;sand stones 100;rock 102. Water at 102.
Con IV	" 16 West Missouri Twp.	M.Jones	Sep.22,1965	5	15	60	49	"	P	Stones clay 80;fine sand 100;broken limestone 105;brown lime-stone 110. Water at 106.
Con IV	" 19 M.Jones	"	Feb.20,1965	5	20	40	22	"	D	Hard blue clay stones 36;sandy clay gravel 42;blue clay 53; clay gravel hardpan 96;fine sand 112;light brown limestone 131. Water at 130.
Con IV	" 20 D.Sawyer	"	Aug.26,1967	5	20	50	34	"	D	Blue clay 18;sandy clay stones 110;blue clay stones 123;brown limestone 161. Water at 160.
Con IV	" 25 Plover Mills Central School	M.Jones	Feb.13,1965	5	12	180	40	"	P	Yellow clay 6;blue clay 14;fine sand 16;blue clay stones 90; coarse sandy gravel 100;clay fine sand 145;blue clay 169;fine sand 170;dark brown limestone 190. Water from 171 to 190.
Con IV	" 25 J.Hobbs	"	Jan.10,1967	5	7	200	40	"	D	Sandy clay 59;fine gravel sand 61;blue clay 70;sandy clay 125; sand clay 167;light brown limestone 228. Water from 225 to 228.
Con IV	" 31 E.Oliver	"	July 28, 1965	5	10	80	78	"	D,S	Dug well 25;clay stones 112;sandy clay 119. Water at 119.
Con V	" 3 N.Paw	"	Mar.27,1964	4	8	35	25	"	D,S	Sand 20;clay stones 46;blue clay 54;fine gravel 70;clay 81; fine gravel 91;blue clay 101;fine gravel 112;grey limestone 115. Water at 117.
Con V	" 4 W.Woods	R.Hudson	Nov.21,1964	3 1/2	10	20	16	"	D,S	Gravel 20;blue clay 24. Water at 16.
Con V	" 5 P.Ronslek	M.Jones	Nov. 1, 1967	4	6	45	10	"	D	Dug well 23;blue clay 64;gravel 65;grey sandy clay 91;black coarse sand 95. Water at 91.
Con V	" 8 J.Hall	"	July 8, 1967	5	20	60	17	"	D,S	Previously drilled 94;limestone sand 97;brown limestone 109. Water at 109.
Con V	" 12 B.McDonald	R.Hudson	Nov.16,1967	3 1/2	10	18	12	"	D	Brown clay 12;gravel 16;blue clay 22. Water at 12.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.  
West Missouri Twp. - cont.

Con V	"	27	D. Smith	Nov. 27, 1965	5	20	45	37	Fresh	D, S	Loam 5; quicksand 16; sandy clay 98; brown limestone 100. Water from 99 to 100.
Con V	"	27	J. Fickel	Jan. 21, 1964	36			10	"	M	Topsoil 2; brown clay 10; quicksand 16. Water at 10.
Con V	"	27	A. Hoves	May 2, 1965	36	8	118	104	"	D, S	Yellow clay 16; sand 24; clay stones 95; hardpan 160; brown limestone 215. Water from 100 to 215.
Con V	"	28	T. Wiseman	June 1, 1967	36	10	15	7	"	D, S	Brown clay 8; sandy clay 20. Water at 8.
Con VI	"	1	C. Payne	Aug. 26, 1965	36	6	15	11	"	D, S	Gravel 13; brown clay stones 18. Water at 11.
Con VI	"	2	G. VanGeel	Mar. 20, 1967	5	23	55	40	"	S	Clay stones 45; fine shooting sand 84; sandy clay 123; limestone coarse sand 125. Water from 124 to 125.
Con VI	"	2	J. Ball	Mar. 24, 1967	5	8	50	10	"	D	Sandy clay 6; fine gravel 24; sandy clay 58; fine gravel 59; clay sand 74; coarse sand 76. Water from 74 to 76.
Con VI	"	3	W. Semenuk	July 24, 1964	5 1/2	15	50	22	"	D	Boulders clay 20; clay 32; rock 35; clay 45; clay rock 62; clay 77; dark rock 97. Water from 85 to 97.
Con VI	"	4	D. Neucombe	July 29, 1964	4 1/2	1		40	"	"	Clay boulders 25; clay rock 55; sand 60; dark rock 70. Water at 60.
Con VI	"	4	W. Donnelly	May 19, 1967	5	8	23	20	"	D, S	Blue clay 28; fine gravel 29; clay hardpan 60; fine shooting sand clay hardpan 80; fine gravel 82. Water from 80 to 82.
Con VI	"	6	L. Mitchell	Dec. 9, 1964	5	10	10	Flows	"	D	Sand 8; blue clay 30; coarse sand 45. Water at 30.
Con VI	"	9	F. Verbeem	July 27, 1964	5 1/2	15	50	22	"	D	Clay boulders 35; sandy clay layers rocks 70; dark rock 80. Water from 70 to 80.
Con VI	"	10	R. Murrell	Mar. 6, 1964	5	4	80	35	"	D, S	Grey clay 6; brown sand 23; grey clay 56; clay gravel 59; gravel 74; clay gravel 96; limestone 111. Water at 111.
Con VI	"	10	J. McVay	Feb. 26, 1966	36	1	10	3	"	D	Topsoil 1; fine quicksand 12. Water at 3.
Con VI	"	19	M. Beavers	Nov. 26, 1966	5	12	62	58	"	D, S	Sandy clay 22; fine shooting sand 72; sandy clay 110; coarse sand clay 136; brown limestone 144. Water from 143 to 144.
Con VI	"	23	D. Patterson	July 21, 1966	5	17	46	30	"	D, S	Dug well 26; blue clay 38; coarse sand 42; clay 140; fine sand 146; coarse sand 149; broken limestone 150. Water from 148 to 150.
Con VI	"	24	N. Elliott	Apr. 27, 1964	5	20	50	30	"	D, S	Clay loam stones 10; clay loam 60; clay hardpan 74; sandy clay 106; quicksand 113; sandy clay 148; quicksand 162; soft limestone 165; hard rock 172. Water at 170.
Con VI	"	24	S. Elgie	June 28, 1965	4	8	140	50	"	D	Hard blue clay 23; soft sandy clay 55; coarse sand 64; sandy clay 109; clay sand streaks 141; fine sand clay streaks 162; dark brown limestone 190. Water at 188.
Con VI	"	25	I. Pacey	Aug. 4, 1965	5	6	60	27	"	D, S	Sandy clay stones 72; sandy clay gravel 100. Water from 75 to 100.
Con VI	"	30	K. Hutton	July 2, 1964	4	20	150	100	"	D	Clay stones 60; sand 62; clay hardpan stones 143; sand fine gravel 145; limestone 158; fine sand 160; dark brown limestone 173. Water at 148, Sulphur, and fresh water 170.
Con VI	"	30	Blanchard & W. Missouri Cheese Factory	May 29, 1965	6	25	110	90	"	C	Clay stones 110; sandy gravel 114; limestone 186. Water at 185.
Con VI	"	36	J. Kew	Oct. 14, 1967	36	1 1/2	25	2	"	D, S	Silty brown clay 10; blue clay stones 26. Water at 8.
Con VI	"	36	"	Oct. 16, 1967	36	2	20	2	"	D, S	Silty brown clay 10; blue clay stones 21. Water at 8.
Con VII	"	3	J. Pinter	Oct. 5, 1965	5 1/2	15	60	10	"	D	Clay boulders 25; boulders sand 30; clay 44; boulders 50; clay 55; boulders 58; brown rock 68; broken rock 95. Water from 68 to 95.
Con VII	"	6	S. Petersen	Nov. 19, 1964	16	1	12	6	"	D	Sand 12; hardpan rocks 16. Water at 6.
Con VII	"	21	H. Schmidt	Feb. 26, 1966	5	15	20	11	"	D	Yellow clay 8; sandy clay stones 25; blue clay 49; coarse sand 50. Water at 50.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
West Williams Twp.										
BP lot 26	J. Wall	R. Hudson	Nov. 16, 1966	36						Brown clay 12; blue clay 30. Dry hole.
Con VII	P. Moore	R. Smith	Oct. 13, 1967	5 1/2						Dug well 25; blue clay 128; streaks sand clay 132; blue clay 160. Dry hole.
Con VII	"	"	Oct. 14, 1967	5 1/2	12	64	54	Fresh	D, S	Blue clay 120; sand gravel 126. Water from 120 to 126.
Con VII	D. Campbell	A. Heal	May 18, 1965	4	4	95	48	"	D, S	Dug hole 40; clay 88; sand 100. Water from 95 to 100.
Con VII	G. Arrand	R. Hudson	Oct. 6, 1966	36	15	14	11	"	D, S	Brown clay 6; gravel 15; blue clay. Water at 11.
Con VII	J. Veens	"	Oct. 7, 1966	36	1	20	11	"	D, S	Sand 12; gravel 13; blue clay 22. Water at 12.
Con VII	A. MacCharles	A. Heal	Feb. 6, 1965	4	5	40	30	"	D, S	Yellow sand clay topsoil 20; sand blue clay 40; fine sand 55. Water from 40 to 55.
Con I	B. Nutt	"	Nov. 12, 1966							Yellow topsoil 15; blue clay 88; gritty clay 90; clay 110; clay sand streaks 127; clay 135. Dry hole.
Con IX	"	"	Nov. 17, 1966							Yellow topsoil 15; blue clay 50; sandy clay 85; clay 110; clay sand streaks 125; soapstone 140. Dry hole.
Con X	"	"	Nov. 25, 1964	5						Yellow topsoil 15; blue clay 29; gravel 31; sand 61; sandy clay 135; boulders 136; clay 169; boulders 171; clay 234; sandy clay 237; dark rock 286; soapstone 300; limestone 312. Dry hole.
Con X	"	"	Dec. 10, 1964	4						Yellow topsoil 15; blue clay 25; gravel 29; muddy sand 53; clay sand streaks 115; clay 162. Dry hole.
Con XV	Gibbs Bros.	"	Oct. 10, 1967	5	5	103	65	Sulphur	S	Topsoil yellow clay 12; blue clay 176; loose limestone gritty clay 177; brown limestone 178 1/2. Water from 176 to 178 1/2.
Con XV	T. Hendriks	R. Hudson	July 26, 1965	36	2	40	2	Fresh	D, S	Brown clay 20; blue clay 38; fine sand 42. Water at 38 1/2.
Con XV	C. Sadler	A. Heal	Jan. 11, 1967	4	3	140	61	Sulphur	S	Topsoil sandy clay 16; blue clay sand streaks 167; brown limestone 179. Water at 171.
Con XVI	A. Bax	R. Smith	Aug. 11, 1967	5	12	145	115	"	D, S	Black loam 3; brown clay 15; blue clay 26; gravelly blue clay 31; blue clay 158; sticky blue clay 172; rock 183. Water from 175 to 183.
Con XVI	F. Vandervloet	A. Heal	Oct. 19, 1965	5	5	94	83	"	D, S	Topsoil yellow clay 17; blue clay 179; limestone 182. Water at 181.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING		STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
					TEST G.P.M.	FEET				
NORFOLK COUNTY										
Charlotteville										
Con A	W.Storechuck	S.Linton	May 24, 1967	1 1/4		15	Fresh	D		Sand 6; blue clay 18; very fine sand clay 67. Water from 18 to 67.
Con A	"	"	Aug. 9, 1967	2			"	T		Sand 6; blue clay 19; very fine sand 67. Dry hole.
Con A	L. Haegen	"	Mar. 30, 1967	3/8	2	13	"	D		Fine sand 24. Water at 13.
Con A	P. Bahula	R. McKenzie	June 20, 1967	4	9	18	"	D, S		Topsoil 1; yellow sand 7; clay 29; grey sand 31; brown sand 49.
Con A	"	"	Aug. 14, 1964	1 1/4	3	23	"	D		Water at 3; brown sand 16; sandy clay 23; brown fine sand 31.
Con A	G. Guiler	"	Aug. 14, 1964	1 1/4	12	4	"	D		Open hole 3; brown sand 16; sandy clay 23; brown fine sand 31.
Con A	P. Krouse	T. VanKessel	Sep. 21, 1964	1 1/4			"	D		Water at 2 1/2. Water at 4.
Con A	P. Sinka	R. McKenzie	Oct. 18, 1965	1 1/4			"	N		Grey sand 1 1/2. Water at 4.
Con A	"	"	Oct. 18, 1965	1 1/4			"	D		Back fill 1 1/2; yellow sand 8; brown sand 10; grey clay 40.
Con A	"	"	Oct. 20, 1964	1 1/4	20	4	"	D		Water at 16. Water at 4.
Con A	J. Poronoski	T. VanKessel	Oct. 20, 1964	2	4	21	"	D		Dug out 3; brown sand 9; grey sand 14; grey clay 17; very fine grey sand 21; fine grey sand 32. Water at 14 and 21.
Con A	P. Bernhard	R. McKenzie	Nov. 24, 1964	2	3	29	"	D		Topsoil 4; yellow sand 5; clay stones 16; grey sticky sand 22; grey clay 23; grey clay sand 32; very fine grey sand 42.
Con I	C. Reeves	"	Aug. 30, 1965	2	3		"	D		Water at 32; yellow sand 12; clay sand 19; sand 31; grey coarse sand 44; silt sand 48; silt sand 65; silt clay streaks 85; clay 108; hard grey clay sand gravel 150; hard packed silt 165.
Con I	S. Horwath	R. Hodgson	Mar. 24, 1964	5	9	25	"	D, S		Dry hole.
Con I	Ont. Dept. of Lands & Forests	C. Goodberry Well Drlg. Ltd.	Mar. 20, 1964	6			"	D, S		Yellow loam sand dug well 16; blue hard clay 177; hard grey limestone 18; brown limestone 191. Water at 190.
Con I	W. Adams	E. Stewart & Son	Sep. 16, 1967	5	50	2	Gas	D, S		Very fine sand 35. Water at 24.
Con I	L. MacDonald	S. Linton	Nov. 25, 1967	1 1/4	2	24	Fresh	D		Dug well 2 1/2; clay sand 50; white sand 58; fine brown sand 68.
Con I	H. Lawrence	R. Hodgson	Nov. 27, 1964	4	5	53	"	D, S		Water at 58.
Con II	"	"	Jan. 12, 1967	1 1/4	35	3	"	D		Fine sand 1 1/2; clay 30; medium sand 36. Water at 3.
Con II	B. Morris	S. Linton	Mar. 19, 1964	1 1/4	8	8	"	D, S		Open pit 5; yellow sand 8; white quicksand 30. Water at 8.
Con II	J. Borely	J. Neare & Son	May 18, 1965	4	5	31	"	D, S		Dug 27; putty sand 32; fine gypsum sand 36; medium coarse sand 42. Water from 36 to 43.
Con II	J. Wiebe	R. Hodgson	May 18, 1965	4	5	21	"	D, S		Clay sand 20; clay 65; sand 85. Water at 80.
Con II	"	"	Dec. 20, 1967	5	8	40	"	D		Sand 8; clay sand 25; clay 50; clay sand 56; grey sand 66. Water from 56 to 66.
Con II	A. Piell	E. Mitchell	Jan. 3, 1966	4	5	58	"	D		Open hole 9; quicksand 12; grey clay 47; coarse sand 73. Water at 9 and 56.
Con II	S. Kozak	R. McKenzie	Nov. 6, 1966	4	6	65	"	D		Sand clay 55; sand 75. Water from 68 to 72.
Con II	N. Lesanowski	E. Mitchell	Dec. 15, 1967	5	15	48	"	D, S		Sand clay 62; sand 82. Water from 62 to 82.
Con II	"	"	May 1, 1967	8 1/4	250	70	"	Ir		Topsoil 14; yellow sand 3; grey clay 51; coarse sand 69. Water at 51.
Con II	M. VanBelle	R. McKenzie	Nov. 4, 1966	4	6	61	"	D		Red clay 38; fine sand 70; blue clay 90; putty sand 115; sandy blue clay 125. Dry hole.
Con II	J. VanDamme	W. Burwell	Apr. 23, 1966	5			"	D		Sandy clay loam 3; hard pan 7; medium fine sand coarse sand 21. Water at 7.
Con III	P. Kaiser	H. Johnson	Apr. 3, 1967	36	6	4	Fresh	D		Fine medium sand 17. Water at 4.
Con III	J. Slegers	"	Mar. 29, 1967	36	4	2	"	D		



NORFOLK COUNTY -cont.

ORPOLK COUNTY -cont.									
Charlotteville Twp.-cont.									
Con III	lot 7	D.Kerry	R.McKenzie	Nov. 8, 1967	2	2	7	Fresh	D
Con III	"	12 P.Cherrywatty	R.Hodgson	Nov.21,1964	4	6	35	"	C
Con III	"	13 J.Casleton	R.McKenzie	Sep. 3,1964	4	6	48	"	D
Con III	"	14 Jacobs Farms	E.Hoover & Son	Mar.28,1967	5	12	50	"	D
Con III	"	14 " Ltd.	"	Mar.21,1967	10	300	240	80	Sulphur
Con III	"	14 "	"	July20,1966	8	145	85	40	"
Con III	"	14 R.McKenzie	R.McKenzie	June29,1967	4	15	20	41	Fresh
Con III	"	14 P.Panetta	E.Stewart	Aug. 3,1967	5	1 1/2	65	80	"
Con III	"	14 "	"	Aug.15,1967	4	12	57	42	"
Con III	"	14 L.Antonessen	R.McKenzie	June24,1967	4	9	19	43	"
Con III	"	15 G.Kerry	Hedco Well Dring. & Digging Ltd.	July14,1967	5	10	70	50	"
Con III	"	15 "	"	May 20,1967	5	18	70	50	"
Con III	"	15 "	"	May 19,1967	5 1/2				"
Con III	"	17 D.D.Coutre	E.Stewart & Son	Apr.28,1967	5	30	20	18	"
Con III	"	20 H.Thompson	R.McKenzie	Dec.31,1964	4	4	70	40	"
Con III	"	20 L.Harris	"	Oct.15,1965	4	4	48	34	"
Con III	"	20 K.Smith	R.Hodgson	June 6,1966	4	5	40	33	"
Con III	"	20 V.Oatman	S.Linton	June22,1966	1 1/4	8		30	"
Con III	"	21 G.Donnell	E.Mitchell	Dec.12,1967	4	2	44	8	"
Con III	"	21 C.Stanley	"	Dec.21,1967	5	10	60	48	"
Con III	"	21 G.Donnell	S.Linton	July15,1967	1 1/4	2		3	"
Topsoil 1;brown sand 3;grey clay 6;grey sand 12;clay 23; grey sand 42;grey clay 50;fine sand 63. Water from 60 to 63.									
Fill 3;yellow sand 20;grey clay sand 50;putty sand 55;brown sand 63. Water at 55.									
Topsoil 1 1/2;yellow sand 7;grey clay 37;quicksand 40;grey clay 46;grey sand clay 49;brown medium sand 61. Water at 37 and 49.									
Red sand 62;grey sand 70. Water at 62.									
Red sand 50;grey sand 65;ired sand 80;grey clay 100;grey sand 145;grey clay 185;grey putty sand 190;blue clay 238;brown limestone 275;grey limestone 303. Water at 253.									
Topsoil 2;brown sand 65;sand 85;clay 120;putty sand 122; clay 150;sand 165;clay 180;putty sand 183;clay 231;clay limestone 305. Water at 237, 277 and 284.									
Topsoil 2;yellow sand 6;clay 21;brown sand 47;grey sand 68. Water at 41.									
Yellow loam 12;sandy blue loam mixture 60;sand 65;fine putty sand 90;quicksand 175;blue clay 235; medium hard brownish limestone 240. Water at 65 and 240.									
Yellow loam 5;blue hard clay 32;fine sand silt 50;sand 66; blue clay 70. Water from 50 to 66.									
Fill 5;yellow sand 9;clay 37;brown sand 49;grey medium clay 75. Water at 49.									
Topsoil 1 1/2;brown sandy clay 70;blue coarse sand 85. Water at 75.									
Topsoil 1 1/2;brown sandy clay 35;blue clay stones 70;blue coarse sand 85;grey clay 135. Water at 75.									
Topsoil 1 1/2;brown sandy clay 35;blue clay stones 70;blue coarse sand 85;brown clay 87;gravel sand silt 110;clay. Dry hole. Yellow sandy loam 6;medium coarse sand 40. Water from 6 to 40.									
Topsoil 2;brown sand 42;brown clay 45;brown sand 49;clay 52; fine grey sand 56;clay 61;grey fine sand 65;clay 70;grey fine sand 72;clay 74;grey fine sand 80. Water at 45,52,65 72 and 80.									
Well pit 5;medium sand 24;grey clay 29;fine grey sand 40;grey clay 46;medium brown sand 56. Water at 46.									
Grey sand 16;clay 35;clay sand 50;brown sand 57. Water from 50 to 57.									
Open well 22;sand 30;boulders 32;fine sand 49;coarse sand fine gravel 55;blue clay. Water at 30.									
Clay sand 12;clay 35;sand 46. Water at 39 and 45.									
Sand 11;clay 23;clay 50;sand 81. Water from 8 to 11 and from 68 to 81.									
Sand 3;blue clay 36;very fine sand 87. Water at 36.									

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY -cont.											
Charlotteville Twp.-cont. Con III	lot 22	R. Coble	R. Hodgson	Nov. 30, 1965	4	5	30	33	Fresh	D	Sand 6;sand gravel 25;clay sand 35;brown sand 46. Water from 35 to 46.
Con III	"	"	"	July 7, 1967	4	5	18		"	D	Coarse sand 28. Water at 18.
Con III	"	J. Melville	R. McKenzie	July 20, 1967	4	5	63	54	"	N	Topsoil 2;clay 9;putty sand 66.
Con III	"	"	"	Jan. 27, 1967	4	6	27	33	"	D	Open hole 31;medium brown sand 74;grey clay. Water at 54.
Con IV	"	P. Steers	"	Jan. 27, 1967	36	3	27	33	"	D	Black loam 1;fine brown sand 34. Water at 23.
Con IV	"	J. Clecarlis	E. Johnson	July 29, 1966	2	10	225	80	"	D	Very fine sand 34;very fine sand clay 35;fine sand 42. Water at 33.
Con IV	"	A. Chevak	T. VanKessel	Nov. 16, 1964	5	8	62	48	"	N	Sandy loam 50;sand 55;quicksand 125;blue clay 135;sand 136; blue hard clay 232;brown hard limestone 245. Water at 237.
Con IV	"	T. Atkinson	E. Stewart	Nov. 21, 1966	5	5	250	70	"	D	Topsoil 1;red sand 60;brown sand 64. Water at 60.
Con IV	"	L. Atkinson	E. Hoover & Son	May 26, 1967	5	5	225	40	"	D	Topsoil 2;red sand 60;sand 135;clay 235;brown limestone 250. Water at 240 and 250.
Con IV	"	B. Eazelmeier	"	May 10, 1967	10	250	61	51	Sulphur	D, S	Dug well 7;fill 50;clay sand 64;brown medium sand 72. Water at 64.
Con IV	"	Norfolk Farms	B. Hodgson	Nov. 25, 1964	5	9	48	45	"	D	Topsoil 2;red sand 59;grey sand 63. Water at 59.
Con IV	"	"	"	Apr. 3, 1967	5	10	60	57	"	D, S	Topsoil 2;yellow sand 12;clay sand 28;sand 64;brown sand 73. Water from 64 to 73.
Con IV	"	B. Hazelmeier	E. Hoover & Son	June 30, 1964	5	6	38	38	"	D	Fine sand clay 45;fine sand 65. Water from 45 to 65.
Con IV	"	B. Smith	E. Mitchell	Dec. 16, 1965	5	5	17	12	"	D, S	Open well 16;fine gravel 28;sand clay 29. Water at 12.
Con IV	"	Norfolk Poul- try Farm	S. Lincoln	May 29, 1966	1 1/2	17	17	30	"	S	Open well 19;brown sand 23;gravel brown sand 26;fine sand 47;grey clay 55;fine sand 63;grey clay 72. Water at 19.
Con IV	"	Vittoria Farm	"	Dec. 11, 1967	4	6	17	Flows	"	D	Open hole 22;grey clay 35;fine grey sand 47. Water at 1 and 35.
Con IV	"	Victoria Farm	R. McKenzie	Nov. 20, 1966	2	6	22	22	"	D	Open 11 1/2;brown sand 16;grey muddy sand 24;grey sand 35. Water at 24.
Con IV	"	L. Vajda	"	Mar. 28, 1964	2	7	9	11	"	In	Dug well 3;grey sand 14;grey sand 20. Water from 14 to 20.
Con IV	"	J. Moore	"	June 19, 1965	1 1/2	2 1/2	17	17	"	D, S	Full 4;brown sand 19;fine brown sand 25. Water from 19 to 25.
Con V	"	W. Bell Jr.	R. Hodgson	Mar. 20, 1964	1 1/2	3	22	27	"	D	Sandy loam 5;fine sand 27;fine sand 38. Water at 27.
Con V	"	J. DeCarolis	"	Dec. 8, 1965	36	6	20	20	"	D	Topsoil 7;brown clay 20;fine sand 28. Water at 20.
Con V	"	"	"	June 15, 1962	1 1/2	6	8	4	"	D	Sand 5;brown clay 20;fine sand 41;medium sand 47. Water at 41.
Con V	"	E. Engel	T. VanKessel	Oct. 11, 1961	2	8	53	47	"	D, S	Open well 25;brown sand stones 49;brown coarse sand 64. Water at 47.
Con V	"	A. Beutling	"	July 3, 1964	4	6	11	16	"	D	Open pit 9;brown sand 18;grey clay 22;greyish brown sand 27;hard grey clay 48. Dry hole.
Con V	"	H. Deming	"	Feb. 12, 1964	4	20	11	11	"	D	Topsoil 2;brown sand 8;clay 14;grey sand 36;grey clay 42; grey putty sand 38;clay 61;putty sand 123. Dry hole.
Con V	"	W. Hickman	"	June 11, 1964	4	5	19	16	"	D	Topsoil 2;fine brown sand 11;very fine sand 17. Water at 11.
Con VI	"	"	"	May 15, 1966	1 1/2	20	58	40	"	D	Topsoil 2;yellow sand 10;clay 14;brown sand 29. Water at 14.
Con VI	"	S. Toth	T. VanKessel	June 10, 1965	1 1/2	5	4	25	"	D	Topsoil 2;red sand 40;fine sand 150;blue clay 170;fine sand 230;limestone 233. Water at 233.
Con VI	"	D. Whitehead	R. McKenzie	June 20, 1967	7	10	25	42	Sulphur	P	Fill 6;brown sand 11;clay 38;grey sand clay 42. Water at 10 and 38.
Con VI	"	Charlotteville School Area	E. Hoover & Son	Mar. 4, 1964	2	4			Fresh	D	
Con VI	"	C. Gates	R. McKenzie								

NORFOLK COUNTY - cont.			Charlotteville Twp. -cont.			R. Hodgson			Feb. 16, 1965			Fresh			D, S		
Con VI	"	22	F. Dobler	"	4	"	6	59	56	"	"	"	"	"	"	"	"
Con VI	"	24	F. Matecsa	"	2	"	20	27	27	"	"	"	"	"	"	"	"
Con VII	"	3	D. Crandall	"	1	"	1	1	20	"	"	"	"	"	"	"	"
Con VII	"	6	A. Decounsel	"	4	"	1	1	20	"	"	"	"	"	"	"	"
Con VII	"	7	W. Mandyk	"	2	"	10	12	10	"	"	"	"	"	"	"	"
Con VII	"	6	V. Duwyn	"	4	"	6	15	10	"	"	"	"	"	"	"	"
Con VII	"	7	"	"	1	"	2	7	7	"	"	"	"	"	"	"	"
Con VII	"	12	F. Penn	"	1	"	2	7	7	"	"	"	"	"	"	"	"
Con VII	"	16	J. Walker	"	1	"	5	39	31	"	"	"	"	"	"	"	"
Con VII	"	16	M. Rittgasser	"	1	"	5	39	31	"	"	"	"	"	"	"	"
Con VII	"	23	H. Chesquirre	"	2	"	15	10	10	"	"	"	"	"	"	"	"
Con VII	"	24	E. Mann	"	4	"	10	16	9	"	"	"	"	"	"	"	"
Con VIII	"	4	A. Klemen	"	1	"	25	15	15	"	"	"	"	"	"	"	"
Con VIII	"	11	P. Tofton	"	1	"	15	6	7	"	"	"	"	"	"	"	"
Con VIII	"	15	K. Shepherd	"	1	"	10	3	7	"	"	"	"	"	"	"	"
Con VIII	"	12	E. Lichner	"	1	"	5	10	6	"	"	"	"	"	"	"	"
Con VIII	"	18	D. Johnson	"	1	"	10	12	12	"	"	"	"	"	"	"	"
Con VIII	"	18	T. Vankessel	"	1	"	18	10	14	"	"	"	"	"	"	"	"
Con VIII	"	18	E. Clark	"	1	"	30	19	10	"	"	"	"	"	"	"	"
Con VIII	"	19	R. Hudson	"	1	"	20	12	12	"	"	"	"	"	"	"	"
Con VIII	"	19	P. Moore	"	1	"	35	7	7	"	"	"	"	"	"	"	"
Con VIII	"	19	L. Russell	"	1	"	3	7	10	"	"	"	"	"	"	"	"
Con VIII	"	21	M. Kochany	"	1	"	60	12	12	"	"	"	"	"	"	"	"
Con VIII	"	24	M. Gaska	"	4	"	4	40	35	"	"	"	"	"	"	"	"
Con VIII	"	24	"	"	4	"	4	40	35	"	"	"	"	"	"	"	"
Con VIII	"	24	H. Freeman	"	2	"	50	2	2	"	"	"	"	"	"	"	"
Con IX	"	6	W. Philip	"	1	"	6	10	10	"	"	"	"	"	"	"	"
Con IX	"	7	E. Wilson	"	1	"	25	20	17	"	"	"	"	"	"	"	"
Con IX	"	7	J. Adcock	"	1	"	25	15	15	"	"	"	"	"	"	"	"
Con IX	"	12	J. Banluk	"	1	"	25	10	10	"	"	"	"	"	"	"	"
Con IX	"	12	E. Nunn	"	1	"	25	8	8	"	"	"	"	"	"	"	"
Con IX	"	12	W. Franklin	"	1	"	18	10	10	"	"	"	"	"	"	"	"
Con IX	"	13	C. Bartlek	"	1	"	13	4	4	"	"	"	"	"	"	"	"
Con IX	"	13	C. Smith	"	1	"	25	15	6	"	"	"	"	"	"	"	"
Con IX	"	13	J. White	"	2	"	25	15	6	"	"	"	"	"	"	"	"
Con IX	"	14	L. Molynieux	"	1	"	5	8	8	"	"	"	"	"	"	"	"
Con IX	"	15	G. Fitzgerald	"	1	"	15	3	3	"	"	"	"	"	"	"	"
Con IX	"	16	E. Sheppard	"	1	"	5	3	4	"	"	"	"	"	"	"	"

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
NORFOLK COUNTY - cont. Charlottesville Typ.- Con IX	cont. T. Huesl H. Cole	S. Linton T. VanKessel	June 23, 1967 Dec. 7, 1967	1 1/2 10	37 1/2 12	7 12	1 1 1/2	Pres "	D D	Pine sand 23. Water from 6 to 23. Topsoil 2; fine sand 8; hard brown clay 13; blue clay 14; fine sand 22. Water at 12. Topsoil 2; yellow sand 10; clay 18; grey sand 30; brown sand 37. Water from 30 to 37. Dug pit 4; red sand 8; brown sand 16; grey clay 25; fine sand 42. Water at 21 and 25. Topsoil 2; clay 3; fine sand 14; coarse sand 28. Water at 14. Basement 4; fine gravel 9; coarse sand 13. Water at 5. Sand 4; coarse sand and gravel 12. Water at 4. Yellow sand 2; coarse white sand 4; coarse sand fine gravel 14. Water at 4. Topsoil 1 1/2; brown sand 3; yellow sand 6; grey sand 15; brown coarse sand 24. Water at 15. Sand 28; grey muddy sand 30; brown sand 45. Water at 31. Pine sand 11; coarse sand 17. Water from 5 to 17. Pine sand 22. Water at 11. Topsoil 1 1/2; fine sand 12; medium sand 30. Water from 9 to 30. 3 sandpoints hooked together. Yellow sand 23; sand 30. Water at 30. Topsoil 2; fine sand 11; medium sand 20. Water at 11. Topsoil 2; brown sand 10; fine sand 20. Water at 10. Yellow sand 2; fine grey sand 22. Water at 6. Basement 6; very fine sand 26; medium fine sand 32. Water at 11. Yellow sand 6; red sand 22; white sand 30; black white sand 40. Water from 30 to 40. Yellow sand 6; red sand 20; white sand 25; sand 33. Water from 25 to 33. Open pit 4; fine sand 17; fine gravel coarse sand 30. Water at 18. Dug well 4; yellow sand 16; grey sand 20; fine brown sand 25. Water from 20 to 25. Topsoil 2; sand 18; fine sand 25. Water at 18. Topsoil 1; yellow sand 7; hard sand 15; grey sand 20; coarse brown sand 26. Water at 20. Topsoil 2; brown sand clay 12; medium sand 22. Water from 16 to 22. Black loam 2; yellow sand 25; grey clay 35; yellow sand 11; fine black white sand 17. Water from 11 to 17. Topsoil 2; yellow sand 12; clay sand 15; brown sand 26; fine brown sand 34. Water from 24 to 34.
	"	B. Hodgson	July 7, 1964	4	15	25	22	"	D, S	
	"	W. A. Belore	Nov. 17, 1964	1 1/2	5	5	25	"	P	
	"	T. VanKessel	Apr. 5, 1966	1 1/2	15	5	14	"	D	
	"	S. Linton	Feb. 22, 1964	1 1/2	63	6	5	"	D	
	"	E. Love	May 15, 1964	1 1/2	40	4	4	"	D	
	"	"	July 8, 1964	1 1/2	32	6	4	"	Ir	
	"	R. McKenzie	July 11, 1964	1 1/2	20	15	15	"	D	
	"	"	Sep. 14, 1964	1 1/2	6	39	31	"	D	
	"	S. Linton	Apr. 17, 1967	1 1/2	5	5	4	"	D	
	"	P. V. K. & Sons	May 20, 1964	2	15	11	11	"	D, S	
	"	"	Apr. 19, 1967	2	135	9	9	"	Ir	
	"	Warren Water Well	Dec. 9, 1965	1 1/2	5	30	20	"	D	
	"	T. VanKessel	Mar. 6, 1965	1 1/2	30	11	11	"	D, S	
	"	"	Nov. 23, 1966	1 1/2	20	10	10	"	D	
	"	S. Linton	Nov. 10, 1967	1 1/2	7	8	6	"	D, S	
	"	"	July 22, 1965	1 1/2	30	14	11	"	D	
	"	Cole Water Wells	Mar. 25, 1966	5	4	40	4	"	D	
	"	"	Jan. 20, 1966	5	4	33	6	"	D	
	"	S. Linton	May 15, 1964	1 1/2	25	23	18	"	D	
	"	R. Hodgson	May 11, 1964	2	10	15	15	"	D, S	
	"	T. VanKessel	Apr. 11, 1966	1 1/2	5	15	18	"	D	
	"	R. Hodgson	May 9, 1964	2	50	14	14	"	S	
	"	T. VanKessel	Nov. 15, 1967	1 1/2	4	4	16	"	D	
	"	Cole Water Wells	Oct. 18, 1965	5	3	117	78	"	D	
	"	R. Hodgson	Apr. 1, 1964	1 1/2	2	2	2	"	D, S	
	"	"	May 9, 1964	1 1/2	6	26	26	Pres	D	
Delhi, Town of	A. VanDenBursche	J. Weaver & Son	May 9, 1964	1 1/2	6	26	26	Pres	D	Topsoil 1; yellow sand 5; white sand 26; brown sand 30. Water at 25.

NORFOLK COUNTY - cont.

Houghton Twp.	lot 13	Wanatter	Warren Water Wells	July 6, 1967	1 1/2	1 1/2	5	Fresh	D	Topsoil 1; yellow sand 9; clay 12; putty sand 16. Water at 16.
Con II	"	M. Pab1	Hadco well	Nov. 1, 1966	30	3	28	15	"	Brown sand 3; brown clay 14; sand 16; blue hard clay 18; blue sand 30. Water at 18.
Con III	"	J. Anbo	L. Hodgson & Son Digging Ltd.	Nov. 20, 1967	1	10	8	"	"	Yellow sand 1; grey sand 8; grey sand 25. Water from 8 to 25.
Con III	"	D. Graham	"	Sep. 25, 1967	1	11	13	"	"	Yellow sand 13; sand 37. Water from 13 to 37. 16; blue clay 20. Water at 14.
Con III	"	M. Ferguson & Son	Hadco well	Oct. 19, 1966	30	4	20	14	"	Topsoil 2; sandy clay 2; brown sand 14; blue sand 16; blue clay 20; sandy blue clay 24. Water at 14.
Con III	"	M. Backner & Son	"	Oct. 19, 1966	30	4	24	14	"	Topsoil 2; sandy brown clay 14; blue sand 16; blue clay 20; sandy blue clay 24. Water at 14.
Con III	"	C.H. Abbott	"	Oct. 31, 1966	30	3	22	10	"	Brown sand 10; blue sand 14; blue clay sand 25. Water at 12.
Con IV	"	S. Verdame	J.E. Weaver & Son	Mar. 14, 1984	1 1/2	3	16	"	"	Open pit 6; white sand 16; white quicksand 28. Water at 16.
Con IV	"	J. Dhondt	Warren Water Wells	June 16, 1985	5	3	103	40	"	Yellow sand 12; sand 17; grey clay 96; fine sand 103. Water at 17 and 103.
LEN	"	J. Wall Jr.	W.E. Locker	May 25, 1966	5	3 1/2	46	36	"	Topsoil 1 1/2; yellow sand 38; very fine grey sand 58. Water from 38 to 58.
LEN	"	W. Gumm	J. Weaver & Son	Aug. 3, 1964	1 1/2	8	30	"	"	Topsoil 1; yellow sand 6; white sand 30; white sand 44. Water at 30.
LEN	"	J. Jansen	"	Apr. 10, 1964	1 1/2	8	8	"	"	Topsoil 1; yellow sand 8; brown sand 15. Water at 8.
LEN	"	J. Van Derven	"	Apr. 15, 1964	1 1/2	8	8	"	"	Pit 4; yellow sand 8; brown quicksand 14. Water at 8.
LEN	"	Ont. Dept. of Transport	Accurate Diamond Drilling	Aug. 23, 1967	5	"	"	"	"	Topsoil 7; sand 9; red clay 120. Dry hole.
NRE	"	E. Motten	Warren Water Wells	Oct. 21, 1964	5	1 1/2	78	22	"	Yellow sand 21; grey clay 69; fine sand 78. Water at 78.
NRE	"	Kesteloot Bros	"	May 2, 1964	5	10	38	20	"	Yellow sand 19; clay sand 22; sand 26; clay stones 45; fine sand 50. Water at 26 and 50.
NRW	"	R. Butcher	W.E. Locker	Nov. 13, 1965	1 1/2	3 1/2	"	"	"	Pit 1; yellow sand 13; grey sand 22; clay. Water from 13 to 22.
NRW	"	"	"	Oct. 26, 1965	2	4	"	"	"	Topsoil 2; yellow sand 6; fine grey sand 22. Water from 6 to 22.
NRW	"	P. Traubenik	Hadco Well Digging Ltd.	Apr. 21, 1967	30	5	30	6	"	Topsoil 4; brown sand 10; blue sand 12; blue hardpan 15; blue-sand 19; blue hardpan 25; blue marl 35. Water at 10, 15 and 30.
TBS	"	G. Knab	"	Apr. 21, 1967	30	5	22	6	"	Topsoil 4; brown sand 9; grey sand 25. Water at 10 and 16.
TBS	"	P. Silverthorne	W.A. Belore	Apr. 5, 1967	1 1/2	15	"	7	"	Red sand 7; grey sand 11; sand 31. Water from 11 to 31.
Middleton Twp.	lot 11	J. Eppel	L. Hodgson & Sons	Nov. 11, 1967	1	8	6	"	"	Sand 6; sand 27. Water from 6 to 27.
TRN Con I	"	T. Ronson	Warren Water Wells	July 30, 1964	5	4	55	30	"	Yellow sand 6; grey clay stones 63; putty sand 75; sand 80. Water at 80.
TRN Con I	"	C. Davis	W. Burwell	May 29, 1967	5	10	20	12	"	Sand 15; clay 45; putty sand 46; clay 70; sand 88. Water at 70.
TRN Con I	"	K. Weber	Warren Water Wells	Aug. 7, 1964	5	"	"	"	"	Yellow sand 3; putty sand 5; clay stones 163; dirty gravel 171; brown limestone 178. Dry hole.
TRN Con I	"	C. Lucas	W. Burwell	June 1, 1967	5	15	20	6	"	Sand 6; blue clay 36; putty sand 39; clay 68; sand 73. Water at 68.
TRN Con I	"	E. Wies	W. Belore	Sep. 25, 1965	1 1/2	7	"	15	"	Dark sand 3; stony blue clay 17; ice rise sand 34. Water at 17.
TRN Con I	"	S. Heralde	W. Belore	Mar. 9, 1964	1 1/2	5	"	15	"	Red sand 6; grey sand 11; blue clay 22; grey sand 40. Water at 22.
TRN Con I	"	A. Legein	Warren Water Wells	Aug. 18, 1964	5	5	30	"	"	Topsoil stones yellow sand 9; grey clay 45; putty sand 52. Water at 52.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST C.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
NORFOLK COUNTY - cont. Middleton Twp. - cont. TEN Con I " lot 22	Baptist Church	W. Belore	May 18, 1965	1 1/2	6		10	Fresh	F	Dark sand 2'ired sand 6';gravelly sand 9';grey clay 18';coarse sand 35. Water at 18.
TEN Con I " 22	H. Weis	"	June 2, 1966	1 1/2	6		10	"	D	fine brown sand 5';stony blue clay 18'; putty sand 24';coarse sand 40. Water at 24.
TEN Con I " 22	T. Shadlow	"	Oct. 12, 1966	1 1/2	6 1/2		11	"	D	Loose fill 4';fine dark sand 7';stony blue clay 17';fine sand 21';coarse sand 38. Water at 17 and 21.
TEN Con I " 22	J. Weise	"	Nov. 16, 1967	1 1/2	7		6	"	D	Dark sand 3';clay 21';sand 39. Water from 21 to 39.
TEN Con I " 22	H. Weise	"	Nov. 21, 1967	1 1/2	4		4	"	D	Topsoil 1';dark sand 5';clay 20';sand 34. Water from 20 to 34.
TEN Con I " 23	A. Deumo	Cole Water Wells	July 9, 1965	5	6	40	20	"	F	Yellow sand 15';white sand 49';clay stones 47';sand 38. Water from 47 to 58.
TEN Con I " 23	A. Nunn	W. Belore	Feb. 26, 1966	1 1/2	6		10	"	D	Dark sand 4';gravel 10';blue clay 30';coarse sand 17. Water at 30.
TEN Con I " 23	Twp of Middleton	Warren Water Wells	July 15, 1966	5				"	T 1-66	Black topsoil 2';orange sand 8';yellow sand 10';grey coarse sand 11';grey sand clay 12';grey fine sand 42';grey sand clay 45';grey clay 47';putty sand clay 59';grey clay 86';grey clay pebbles 94';sand 129';grey clay 148';grey clay stones 167';soft grey clay 168';grey limestone. Water at 11, 42 and 94.
TEN Con I " 23	"	"	July 21, 1966	5	105	17	7	Fresh	N	White sand 14';coarse sand 36';clay stones 60';very fine sand 69';putty sand 84';soft clay 96. Water at 36 and 69.
TEN Con I " 23	S. Kemeny	W. Belore	Sep. 12, 1966	1 1/2	6		16	"	D	fine dark sand 4';gravel sand 10; blue clay 24';medium sand 38. Water at 24.
TEN Con I " 23	I. Parvanyik	"	Oct. 14, 1966	1 1/2	5		15	"	D	fine sand 4';fine brown sand 8';blue clay stones 28';medium sand 45. Water at 28.
TEN Con I " 24	H. Mauthe	J. Weaver & Son	May 1, 1964	2	8		30	"	D	Topsoil 1';yellow sand 9';brown stony clay 21';sand 30';blue putty sand 39';blue clay 40';blue quicksand 48. Water at 30 and 40.
TEN Con I " 36	T. Schafer	Warren Water Wells	Aug. 23, 1965	5	1 1/2	148	40	"	N	Yellow sand 15';sand 21';putty sand 94';clay 108';putty sand 114';clay 121';grey sand 138';soft shale 146';grey limestone 148';brown limestone. Water at 21 and 146.
TEN Con I " 39	M. VanPraet	P. V. K. & Sons Soil Testing	May 30, 1966	2	360		12	"	Ir	Topsoil 1';medium fine sand 26';medium coarse sand 37. Water from 12 to 37.
TEN Con I " 40	D. Popatou	R. Hodgson	Mar. 13, 1964	1 1/2	8	22	19	"	Ir	Dug well 4';sand gravel 16';sand 20';coarse sand 27. Water from 20 to 27.
TEN Con I " 41	P. Lochan	Warren Water Wells	May 26, 1965	5	4	53	40	"	C	Yellow sand 12';grey clay stones 49';fine grey sand 57. Water at 57.
TEN Con I " 44	M. Beclloo	J. Weaver & Son	July 25, 1964	1 1/2	8		51	"	D	Open well 26';white sand 51';brown quicksand 55';brown putty sand 56';brown quicksand 63. Water at 51.
TEN Con I " 44	J. Kora	W. Burwell	Mar. 21, 1966		8	60	50	Sulphur	D	Fine sand 70';blue clay 90';putty sand 150';blue clay 153; limestone 163. Water at 163.
TEN Con I " 45	C. Hussar	J. Weaver & Son	Aug. 24, 1964	1 1/2	5		47	Fresh	D, S	Open well 30';white sand 47';brown quicksand 60. Water at 47.
TEN Con I " 45	"	W. Burwell	Mar. 29, 1966	5	8	70	60	Sulphur	D	Fine sand 50';fine sand 60';blue clay 70';putty sand 130';blue clay 149';limestone 162. Water at 162.
TEN Con I " 46	C. Pollet	R. Hodgson	Feb. 5, 1964	4	6	24	22	Fresh	D, S	Topsoil 2';yellow sand 10';coarse sand 30';coarse brown sand 38. Water from 30 to 38.
TEN Con I " 48	A. Vanvaeren Berg	Cole Water Wells	Nov. 4, 1965	5	2	127	28	Sulphur	D	Open hole 12';yellow sand 55';putty sand streaks grey clay 106';grey clay stones 110';limestone 130. Water from 125 to 130.



NORFOLK COUNTY  
Middleton Twp.

TRN	Con II	lot 11	G. Moody	Warren Water Wells	Mar. 6, 1964	5	3½	72	50	Fresh	D	Yellow sand 18; grey clay stones 68; fine grey sand 72. Water from 68 to 72.
TRN	Con II	" 11	S. Wollod	W. Burwell	Oct. 19, 1967	5	5	45	35	"	D	Red sand 15; blue clay 60; grey fine sand 70. Water from 60 to 70.
TRN	Con II	" 11	W. Greenwood	Warren Water Wells	May 31, 1965	5	5	15	6	"	D	Yellow sand 14; grey clay 51; sand 59. Water from 51 to 59.
TRN	Con II	" 18	J. Walker	W. Burwell	June 24, 1967	5	5	49	30	"	D	Red sand 3; blue clay 91; fine sand 104. Water at 91.
TRN	Con II	" 18	B. Whittall	"	July 1, 1967	5	10	20	6	"	C	Red sand 3; blue clay 6; fine sand 69; blue clay 73; sand 84.
TRN	Con II	" 18	J. Walker	Warren Water Wells	Dec. 4, 1965	5	6	30	4	"	D	Yellow sand 6; putty sand clay 98; fine sand 104. Water at 104.
TRN	Con II	" 23	S. Jancourak	"	Aug. 7, 1965	1½	6	6	6	"	D, S	Yellow sand 16; sand 21. Water at 21.
TRN	Con II	" 44	M. Duke	R. Hodgson	May 28, 1964	2	30	7	7	"	"	Dug well 16; grey sand 22; fine brown sand 28; grey sand 30. Water from 22 to 30.
TRN	Con II	" 45	"	"	May 14, 1964	2	40	16	16	"	D, S	Dug well 5; grey sand 18; coarse sand 26. Water from 18 to 26.
TRN	Con II	" 45	"	"	June 3, 1964	2	60	10	10	"	Ir	Topsoil 2; yellow sand 10; coarse sand 18; coarse yellow sand 20. Water from 10 to 20.
TRN	Con II	" 46	H. Pollet	Warren Water Wells	Mar. 12, 1964	5	6	25	20	"	D, S	Brown sand 28; fine sand 51. Water at 51.
TRN	Con II	" 48	J. Matcher	R. McKenzie	June 29, 1964	2	7	25	25	"	D, S	Topsoil 2; grey sand 6; grey clay 9; brown stony sand 21; brown coarse sand 36. Water at 25.
TRN	Con III	" 5	J. Graves	Cole Water Wells	Oct. 5, 1967	5	10	65	65	Sulphur	D	Yellow sand 15; soft grey clay 85; putty sand 95; grey clay stones 130; putty sand clay 150; grey clay 220; shale 222. Water from 220 to 222.
TRN	Con III	" 6	M. Verhegge	W. Burwell	Aug. 23, 1965	5	6	35	32	Fresh	D	Fine sand 8; blue clay 51; sand 56. Water at 51.
TRN	Con III	" 11	L. Kechrabaw	"	Apr. 1, 1964	5	6	30	25	"	D	Sand 20; clay 30; sand 46. Water at 46.
TRN	Con III	" 14	J. Jelenka	Warren Water Wells	Sep. 10, 1966	1½	7	12	12	"	D	Open well 14; yellow sand 21; sand 30. Water at 30.
TRN	Con III	" 15	A. Radocz	J. Weaver & Son	Mar. 13, 1964	1½	15	12	12	"	In	Topsoil 1; yellow sand 5; white sand 12; brown quicksand 30. Water at 12.
TRN	Con III	" 16	A. Oszlanszky	Warren Water Wells	Feb. 14, 1966	5	6	65	8	"	T	Yellow sand 12; clay 55; fine sand 65. Water at 65.
TRN	Con III	" 16	"	"	Feb. 16, 1966	3	45	20	10	"	Ir	Yellow sand 13; clay silt 24; white sand 55; coarse sand 66. Water at 66.
TRN	Con III	" 16	"	"	Feb. 24, 1966	3	45	18	10	"	Ir	Yellow sand 12; grey clay 25; white sand 51; clay 52; sand 63. Water at 63.
TRN	Con III	" 16	"	"	Feb. 21, 1966	3	45	18	10	"	Ir	Yellow sand 15; grey clay 26; white sand 51; clay 54; coarse sand 65. Water at 65.
TRN	Con IV	" 1	S. Gradish	"	June 10, 1966	5	6	40	35	"	D	Yellow sand 12; grey clay 69; fine sand 77. Water at 77.
TRN	Con IV	" 6	H. French	Cole Water Wells	Dec. 14, 1966	5	3	50	30	"	D	Black loam 1; yellow sand 1; soft clay 48; black white sand 60. Water from 30 to 60.
TRN	Con IV	" 10	A. Volden	J. Weaver & Son	June 22, 1964	1½	8	15	15	"	D, S	Topsoil 1; yellow sand 5; white sand 15; brown sand 24. Water at 15.
TRN	Con IV	" 10	H. Becker	"	Nov. 2, 1964	1½	8	16	16	"	D	Topsoil 1; yellow sand 5; white sand 16; brown sand 30. Water at 16.
TRN	Con IV	" 13	B. Parkas	"	Mar. 24, 1964	1½	5	24	24	"	D	Topsoil 1; yellow sand 6; white sand 24; white quicksand 37. Water at 24.
TRN	Con V	" 1	P. Holmes	W. E. Locker	June 10, 1964	5	3½	70	51	"	D	Dark clay loam 2; blue clay 35; grey sand 45; grey sand 60; grey sand clay layers 72; dark sand 80; clay. Water from 72 to 80.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST C.F.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
NORFOLK COUNTY - cont.										
Middleton Twp. - cont.										
TRN Con V lot 3	C.Kennedy	E.Hoover & Sons	Oct.11,1965	5	5	25	25	Sulphur	D	Previously drilled 70;blue clay 155. Dry hole.
TRN Con V	"	"	Oct.29,1965	5						Topsoil 4;blue clay 15;grey sand 28;blue clay 38;brown sand 95;sort clay 105;clay stones 115;putty sand 150;soft clay 170;gravel 178. Water at 170.
TRN Con V	"	"	June 6,1966	5	3	83	53	Fresh	D	Yellow clay 18;sand 47;grey clay 68;fine sand 83. Water at 83.
TRN Con I	J.Strobel	Warren Water Wells	Mar. 1,1967	5	20	15	6	"	D	Topsoil 2;yellow sand 22;fine sand 38. Water from 22 to 38.
TRN Con I	B.Pistrovic	W.A.Belore	Sep.18,1967	1 1/2	12	10	10	"	D	Dark sand 2;red sand 6;grey sand 11;sand 30. Water from 11 to 30.
TRN Con I	M.Pody	"	July 5,1966	1 1/2	10		10	"	D	Fine dark sand 2;fine red sand 7;fine dark sand 14;coarse sand 34. Water at 14.
TRN Con I	S.Szoreadi	J.H.Weaver & Son	May 23,1964	2	15		27	"	D	Fit 6;brown putty sand 7;brown clay 12;blue pebbly clay 27;blue quicksand 43. Water at 27.
TRN Con I	P.Abel	W.A. Belore	Oct. 2,1967	1 1/2	6		10	"	D	Grey sand 5;dark sand 8;grey clay 16;putty sand 20;sand 32. Water from 20 to 32.
TRN Con I	R.Chapman	"	June 2,1964	1 1/2	6 1/2		12	"	D	Open pit 6;grey sand 12;hard brown sand 19;sand 38. Water at 19.
TRN Con I	Twp. Middleton	Warren Water Wells	July 26,1966	5	105	18	7	"	T	Black topsoil 1;white sand 6;grey sand 14;sand 45;putty sand 50;putty sand clay 52. Water at 45.
TRN Con I	"	"	Aug.10,1966	8	192	9	7	"	P	Black topsoil 1;white sand 7;grey sand clay 16;sand 46;putty sand. Water at 46.
TRN Con I	F.Lymburner	L.Hodgson & Sons	Nov. 2,1967	1	7		12	"	D	Grey sandy clay 12;sand 30. Water from 12 to 30.
TRN Con I	M.Perber	W.Belrose	Sep. 9,1966	1 1/2	4		14	"	D	Fine dark sand 2;fine red sand 7;gravel 17;blue clay 22;coarse sand 37. Water at 22.
TRN Con I	M. Soebel	R.Hodgson	June 29,1964	4	6	27	22	"	D	Topsoil 21;fill 8;clay 32;sand 38;grey sand 50. Water from 40 to 50.
TRN Con I	W.Drees	Warren Water Wells	Mar.13,1965	5	7	14	7	"	D,S	Yellow sand 12;putty sand clay 28;fine sand 35. Water from 28 to 35.
TRN Con I	T.Bukta	"	Nov.10,1967	5	1	202	60	Sulphur	D,S	Yellow sand 12;grey clay 46;grey putty sand 181;grey shale 186;grey limestone 188;brown limestone 191;grey limestone 202. Water at 201.
TRN Con I	G.Rayner	R.Hodgson	Oct.26,1965	4	3	65	52	Fresh	D	Fill 9;boulder fill 14;dirty sand 48;sand 54;sand 60;fine grey sand 70. Water from 60 to 70.
TRN Con I	P.Rapai	Warren Water Wells	Oct.20,1967	5	4	67	60	"	D	Yellow sand 64;grey clay 67;very fine sand 75. Water at 75.
TRN Con I	A.Drury	Cole Water Wells	June 15,1965	5	2	26	17	"	D	Yellow sand 4;fine gravel 20;red sand 22;white sand rock 29. Water from 22 to 29.
TRN Con II	B.Pasztor	W.Burwell	July 4,1967	1 1/2	6	20	15	"	D	Sand 4;blue clay 15;sand 20;blue clay 25;sand 39. Water at 25.
TRN Con II	W.Pasztor	W.E.Locker	Apr. 5,1966	1 1/2	4 1/2		7	"	D	Dark top soil 1;yellow sand 51;hard yellow clay 71;sharp grey sand 22. Water from 7 to 22.
TRN Con II	W.Puteczki	E. Mitchell	Apr.13,1967	5	5	24	15	"	D	Sand 4;clay sand 40;sand 58. Water from 45 to 58.
TRN Con II	A.Verbyust	W.Burwell	Apr. 3,1967	5	5	31	28	"	D,S	Red sand 33;clay 35;sand 44. Water at 35.
TRN Con II	G.Gehring	R.Hodgson	May 1,1964	5	6	48	46	"	D,S	Topsoil 1;yellow sand 15;sand silt 21;brown sand 52;coarse sand 58. Water from 52 to 58.
TRN Con II	Pine Grove Packers	"	May 20,1985	4	9	22	9	"	In	Fill 4;yellow sand 19;fine brown sand 22;medium grey sand 28. Water from 22 to 28.
TRN Con II	J.Naujokus	W.Burwell	Aug.27,1985	2	1 1/2	20	15	"	D	Fine sand 10;blue clay 25;fine sand 34. Water at 25.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Depths to which formations entered below the surface are given in feet)										
NORFOLK COUNTY - cont.										
North Walsingham Twp. lot 9	J.Dambrasukas	C.Strome	Mar. 7, 1964	1 1/2	2	18	18	Fresh	D	Top fill 3' red sand 10'; white fine sand 14'; coarse grey sand 18'; clay sand mixture 21'; medium sand 31'. Water at 31.
Con XII " 9	"	"	Apr. 1, 1964	1 1/2	2	18	18	"	D	Topsoil 3'; red sand 10'; white sand 14'; coarse grey sand 18'; clay sand mixture 21'; medium sand 32'. Water at 32.
Con XII " 12	Sacred Heart Church	R.Hodgson	June 17, 1964	1 1/2	20	20	14	"	P	Fill 3'; grey sand 10'; hard sand 14'; brown sand 18'; black sand 26'. Water from 18 to 26.
Con XII " 12	C.Neyner	J.Weaver & Son	Sep. 7, 1964	1 1/2	8	9	9	"	D	Topsoil 1'; yellow sand 5'; white sand 9'; coarse sand 26'. Water at 9.
Con XII " 12	A.Deleemars	W.A.Belore	Feb. 14, 1967	1 1/2	6	7	7	"	D	Brown sand 4'; light grey sand 10'; gravel 28'. Water from 10 to 28.
Con XII " 12	L.Brownlee	L.Hodgson & Sons	Oct. 7, 1967	1	6	8	8	"	D	Sand 8'; sand 20'. Water from 8 to 20.
Con XII " 12	M.Anseew	"	Oct. 9, 1967	1	6	8	8	"	D	Sand 8'; sand 20'. Water from 8 to 20.
Con XII " 12	G.DeMaiter	"	Oct. 15, 1967	1	10	10	10	"	D	House basement 5'; grey sand 10'; sand 22'. Water from 10 to 22.
Con XII " 20	W.Zotmerville	W.Burwell	Nov. 19, 1964	1 1/2	1 1/2	7	7	"	D	Fine sand 10'; grey clay 25'; putty sand 42'. Water from 25 to 42.
Con XIII " 11	A.Spriet	"	May 18, 1966	5	5	16	6	"	N	Red sand 10'; blue clay 20'; fine sand 60'. Water at 20.
Con XIII " 12	Cross Country T.V. C.O.Seyrs	C.Strome	Jan. 15, 1964	2	2	18	18	"	D	Top. fill 21' loam 8'; gravel clay 14'; fine white sand 22'; clay 25'; light grey sand 38'. Water at 38.
Con XIII " 13	Lewis Constr.	Warren Water Wells	Aug. 3, 1966	5	10	24	9	"	D	Topsoil 1'; yellow sand 2'; yellow sand 34'. Water at 34.
Con XIII " 15	J.Cusyns	C.Strome	Apr. 20, 1964	1	5	13	13	"	D	Topsoil 3'; sandstone 8'; clay 12'; fine sand 20'; white sand 30'. Water at 30.
Con XIII " 16	P.DeVrendt	W.Burwell	June 14, 1967	2						Red sand 7'; red clay 15'; blue clay 24'; sand 35'; fine sand 40'. Water at 35. Not sufficient water for irrigation.
Con XIII " 16	"	"	June 14, 1967	2	25	17	12	Fresh	Ir	Red sand 7'; red clay 15'; blue clay 24'; sand 40'. Water at 24.
Con XIII " 16	"	"	June 16, 1967	2	25	17	12	"	Ir	Red sand 7'; red clay 15'; blue clay 24'; sand 40'. Water at 24.
Con XIII " 16	"	"	June 17, 1967	2	25	17	12	"	Ir	Red sand 7'; red clay 15'; blue clay 24'; sand 40'. Water at 24.
Con XIII " 19	H.Johnson	P.Neudent	Mar. 2, 1967	36	3	15	15	"	D	Medium coarse sand 17'. Water at 4.
Con XIV " 12	R.VanSeveren	"	May 5, 1967	36	8	15	15	"	D	Grey sand 25'. Water at 10.
Con XIV " 24	G.Brown	R.Hodgson	Apr. 4, 1964	4	8	50	44	"	D, S	Dug 36'; brown sand 44'; gravel sand 46'; grey sand 51'. Water from 46 to 51.
Simcoe Town of										
	M.Gibson	R.Hodgson	Mar. 6, 1964	4	1	30	22	Fresh	D	Pill 3'; clay sand 10'; boulders sand 15'; clay 28'; putty sand 38'; fine sand 47'; putty sand 107'; white limestone 114'. Water at 112.
	G. Milligan	H.Johnson	May 4, 1964	36	5	15	10	"	D	Brown sand clay 10'; clay coars sand layers 18'; silt 25'. Water at 10.
	J. Wallace	T.Vankessel	June 14, 1964	2	18	17	16	"	In	Open well 4'; sand 14'; fine sand 23'. Water at 16.
South Walsingham Twp.										
Con I lot 12	W.Haun	E.Stewart	Apr. 1, 1964	5						Yellow loam sand 15'; blue hard clay 70'. Dry hole.
Con I " 24	St. Williams Water Service.	Warren Water Wells	Feb. 21, 1967	6 1/2	10	170	130	Sulphur	P	Yellow clay sand 4'; grey clay pebbles 292'; brown limestone 303'; shale. Water at 303.
Con IV " 5	OWHC River Basin Research	P.E.Johnston Drilling Co. Ltd.	June 3, 1965	5		9	9	Fresh	T	Sand 21'; silty clay 26'. Water at 21.

NORFOLK COUNTY - cont.

POLK COUNTY - cont.											
Con IV	lot 5	OWEC River Basin Research	P.E. Johnston Drilling Co. Ltd.	June 2, 1965	7	11	Fresh	T	Medium to fine reddish brown sand 10; medium to fine brownish grey sand 20; reddish silty clay 30; medium to coarse brownish grey sand 35; medium sand 50; fine sand 60; very fine sand 70; brown clayey silt stones 75; clay silt 95; silt 105; silty clay 120; silty clay stones 125; silty clay 175; clay 180; silty clay 225; clay 230; silty clay 240; silty clay pebbles 295; silty clay 300; silty clay pebbles 312; shale 318. Water from 310 to 313.		
Con IV	lot 8	J. Rendullich	E. Johnson	Mar. 23, 1967	36	3	"	D	Sand 4; brown clay 10; silt 23. Water at 10.		
Con IV	"	OWEC Becker Park	R. Hodgson	Mar. 23, 1965	62	7	"	T	Topsoil 1; yellow sand 4; brown sand 16; grey sand 18; coarse brown sand 24; fine grey sand 32; medium dark sand 47. Water from 18 to 24 and from 32 to 47.		
Con IV	"	"	"	Apr. 9, 1965	7	15	"	T	Topsoil 1; yellow sand 6; brown sand 16; grey sand 18; coarse brown sand 24; fine yellow sand 36; medium sand 50; grey sand 59; putty sand 61; red clay 65; soupy sand 70; red clay 84; putty sand 128; putty sand 186; red clay 190; putty sand 225; sand 246; putty sand 257; sand clay 278; red clay 298; white limestone 309. Water at 302.		
Con V	"	G.L. Townsend	"	Apr. 17, 1964	5	6	35	"	D, S	Dug well 14; brown sand 30; coarse sand 40. Water from 30 to 40.	
Con VI	"	C. Beernaert	R. McKenzie	Mar. 17, 1966	14	3	"	"	D, S	Topsoil 1 1/2; brown sand 5; brown clay 7; brown sand 23. Water at 12.	
Con VI	"	"	"	Oct. 20, 1965	30	1	"	"	D	Topsoil 2; brown sand 5; brown quicksand 20. Water from 15 to 20.	
Con VI	"	S. Day	Hadco Well Digging Co.	Nov. 10, 1964	14	5	"	"	"	Open well 16; quicksand 23. Water at 10.	
Con VI	"	R. McDowell	J. Weaver & Son W.A. Sellore	May 8, 1967	14	15	"	"	D	Dark sand 1; red sand 5; marrow 7; sand 19. Water from 7 to 19.	
Townsend Twp.	lot 5	T. Arther	H. Johnson	Apr. 7, 1966	36	10	8	Fresh	D	Brown sandy loam 5; medium fine sand 17. Water at 6.	
	Con I	R. Westbrook	J. Stefan	Sep. 8, 1967	4	40	17	"	D	Soft sand 8; fine gravel 11; stony clay 39; light dark grey rock 60. Water at 60.	
	Con I	E. Nelles	R.W. Swayze	Sep. 5, 1967	6	4	150	2	S	Clay 40; quicksand clay 60; blue clay 124; shale brown limestone 160. Water at 157.	
	Con I	S. Holowaty	Bealton Well-Digging	Nov. 25, 1967	36	1 1/2	11	"	S	Topsoil 2; brown clay sand 4; blue clay 8.	
	Con I	J. Rusyn	E. Stewart	Mar. 18, 1964	5	10	40	30	D	Blue clay 102; brown limestone 118; brown limestone gypsum 121. Water at 120.	
	Con II	J. McDonald	"	Aug. 30, 1966	5	30	24	18	"	D	Sandy loam 27; blue clay 39; quicksand 70; blue hard clay 78; grey limestone 117. Water at 116.
	Con II	K. Rush	R. McKenzie	Sep. 12, 1967	4	7	21	16	"	"	Backfill 4; clay 14; gravel 16; grey clay 24; brown sand 25; grey sand 27; grey clay 34; clay stones 43; grey medium sand 52. Water at 43.
	Con II	R. Jackson	"	Sep. 20, 1967	4	6	25	21	"	D	Open well 22; brown sand 53. Water at 22.
	Con III	D. Dacyluk	R. Swayze	June 30, 1964	64	10	45	5	"	D	Clay stones 70; flint 90; grey limestone 100. Water at 97.
	Con III	"	W. Hreczywski	H. Dennis	Oct. 1, 1967	5	6	8	6	"	D
Con III	"	S. Tokarz	"	Oct. 10, 1967	5	10	9	5	"	D, S	Old well 10; brown sand 21; quicksand 45; coarse gravel 54. Water at 50.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
NORFOLK COUNTY - cont. Townsend Twp. - cont. Con III	S. Tokarz	R. Dennis	Oct. 10, 1967	5	10	9	5	Fresh	D, S	Old well 10; brown sand 21; quicksand 45; coarse gravel 54. Water at 50.
Con III	J. Burski	R. McKenzie	July 27, 1964	4	1				D	Topsoil 11; yellow sand stones 5; brown sand stones 11; stones 14; brown muddy sand 16; brown sand 19; brown sand stones 22; gravel 23; brown sand stones 24; brown muddy sand 30; grey clay stones 44. Water at 22 and 28.
Con III	"	"	Aug. 19, 1964	1 1/2	3		19	Fresh	D	Sand stones 16; small stones 17; quicksand 19; brown muddy sand 22; gravel 24; brown sand clay lumps 26. Water at 26.
Con III	K. Riddle	H. Johnson	Feb. 17, 1967	3 1/2	3		15	"	D	Sand 15; clay stone 23; sand stone 38; hard clay. Water at 23.
Con III	L. E. Bergman	R. McKenzie	Sep. 9, 1967	4	3	25	21	"	D	Full 3; yellow sand 6; clay sand 21; stones 22; clay 33; medium sand 40. Water at 33.
Con III	M. Depner	R. Hodgson	May 25, 1964	3	10	29	25	"	D	Clay 2; clay stones 10; sand 30; gravel sand 37. Water from 30 to 37.
Con III	C. Wheaton	W. Packham	Oct. 2, 1964	6 1/2	20	60	26	"	D	Sandy loam clay stones gravel 35; bedrock 85. Water at 82.
Con III	M. Sherlocon	Bealton Well Digging	June 2, 1967	3 1/2	2		5	"	D	Topsoil 11; brown sand 4; grey sand 23. Water from 5 to 23.
Con III	H. Nelles	R. W. Swayze	Oct. 28, 1966	6 1/2	12	17	16	"	D	Blue clay 30; flint 38. Water at 35.
Con III	H. Butch	"	Sep. 27, 1966	6 1/2	25	20	20	"	D	Clay gravel 5; blue clay 30; sand gravel clay 38; flint 43. Water at 41.
Con III	H. Frank	Bealton Well Digging	Aug. 11, 1967	3 1/2	1		16	"	D	Clay 53; grey fine sand 63. Water at 53.
Con III	C. Giles	E. Stewart	Sep. 15, 1966	5	20	16	16	"	D, S	Yellow hard clay 75; blue clay 84; grey limestone 86. Water at 86.
Con III	D. Anderson	Bealton Well Digging	Nov. 18, 1966	30	2		15	"	D, S	Hard blue clay 65; soft silty clay 72; gravel sand 72. Water from 65 to 72.
Con IV	J. Dougherty	S. Linton	Apr. 14, 1965	1 1/2	8		8	"	D	Open dug well 10; fine sand 22. Water at 10.
Con IV	M. Tanchok	"	Apr. 28, 1965	1	10			Flows	D, S	Open well 14; very fine sand 44; sand gravel 49; limestone 50. Water at 7.
Con IV	S. Burnack	R. Swayze	July 14, 1967	6 1/2	2	34	14	"	D	Stones sand 38. Water at 36.
Con IV	G. Drozdowsky	"	Oct. 9, 1967	6 1/2	25	25	14	"	D	Clay boulders 20; blue clay gravel 48; flint 55. Water at 51.
Con IV	G. Storms	R. McKenzie	Dec. 13, 1966	5	8	22	1	"	D	Open hole 12; grey clay 31; brown rock 36. Water at 36.
Con IV	G. Shaw	R. Swayze	May 28, 1964	6 1/2	30	10	6	"	D, S	Clay gravel 29; flint 35. Water at 32.
Con IV	C. Veasey <sup>1</sup>	Bealton Well Digging & Const.	Dec. 9, 1967	3 1/2			20	"	D, S	Brown clay 14; blue clay 52; sand 52 1/2. Water at 52.
Con V	H. Diakun	R. Swayze	Oct. 13, 1967	6 1/2	25	20	12	"	D	Clay 40; flint 48. Water at 47.
Con V	S. Zadorozny	"	Nov. 23, 1966	6 1/2	5	50	5	"	S	Blue clay 42; brown limestone 55. Water at 52.
Con V	H. Stednik	"	Jan. 18, 1964	6 1/2	6	70	19	"	D, S	Clay 48; limestone 80. Water at 65.
Con V	M. Porelich	E. Mitchell	July 7, 1967	6 1/2	4	85	12	"	S	Clay 30; soupy clay 55; brown limestone 88. Water at 62 and 86.
Con VI	M. Borek	"	July 10, 1967	8 1/2	100	40	11	"	N	Gravel 10; gravel sand 20; sand 40; sand 52; clay. Water from 20 to 40 and from 40 to 52.
Con VI	"	"	July 12, 1967	8 1/2	20	35	11	"	N	Gravel sand 20; sand 40. Water from 30 to 40.
Con VI	A. Porr	"	Mar. 14, 1967	5	5	40	40	"	D, S	Sand clay 25; sand 52. Water at 50.
Con VI	"	"	June 23, 1967	8	200	23	10 1/2	"	D, S	Sand 17; sand 47. Water from 17 to 47.
Con VI	Z. Kostuck	T. Vankessel	Feb. 16, 1964	2	10	55	58	"	D	Open well 58; coarse sand 65. Water at 55.
Con VI	H. Breen	S. Linton	Jan. 10, 1964	1 1/2	6		24	"	D, S	Open well 25; large stones gravel 29; fine sand 31 1/2. Water at 24.
Con VI	G. Clona	R. Swayze	Jan. 8, 1965	6 1/2	2	70	52	"	D	Sandy loam 20; stones blue clay 48; flint 62; grey limestone 75. Water at 68.



NORFOLK COUNTY -cont.

Townsend Twp.-cont.											
Con VI	lot 14	A.Hardzulk	R.Swayze	15	40	14	Fresh	S			
Con VI	15	J.Sveel	"	3	85	9	"	S			
Con VI	16	E.Schwan	"	25	25	17	Fresh	S			
Con VI	19	S.Chary	E.Stewart & Son	7	10	4	"	Sulphur			
Con VI	"	G.Huffman	R.Swayze	6 1/2	20	35	Fresh	D			
Con VII	"	F.Faludi	E.Mitchell	8	175	0	"	Ir			
Con VII	"	S.Sarafinichin	R.McKenzie	4 1/2	30	25	"	D			
Con VII	"	R.Stickles	R.Hodgson	4	60	21	"	D,S			
Con VII	"	A.Frystak	"	4	70	35	"	D,S			
Con VII	"	G.Hall	R.Swayze	15	112	48	"	D			
Con VII	"	N.Goble	Bealton Well Digging	3	26	"	"	S			
Con VII	"	F.Zandstra	R.Swayze	5	40	20	"	D			
Con VII	"	S.Dworak	"	3	50	22	"	D			
Con VIII	"	V.Church	R.Hodgson	20	Flows	"	"	D			
Con VIII	"	Waterford PUC	International Water Supply Ltd.	16	510	4	"	P			
Con VIII	"	Burford Fert- alizers Ltd.	R.Swayze	6 1/2	15	19	"	In			
Con VIII	"	Townsend Twp. School Area	"	25	35	14	Sulphur	P			
Con VIII	"	B.Anderson	"	12	30	19	"	D			
Con VIII	"	C.Pau	"	7	67	18	"	D			
Con VIII	"	A.Muttart	E.Mitchell	25	35	10	"	D			
Con IX	"	Dept of Highways	Warren Water Wells	7	8 1/2	6	Fresh	P			
Con IX	"	G.Charyl	T.VanKessel	1 1/2	30	13	"	D,S			
Con IX	"	W.Zarluk	W.Belore	4	4	16	"	D			
Con IX	"	B.Swick	R.Swayze	6 1/2	18	14	"	D			
Con IX	"	D.Hoghes & C.J.Oleszowka	P.V.K.&Sons	2	17	10	"	D			
Con IX	"	L.Hailesyn	"	500	16	16	"	Ir			
Con IX	"	A.Ludwig	T.VanKessel	2	18	18	"	D,S			
Con IX	"	Townsend Twp. School Area	R.Swayze	8 1/2	20	22	"	P			
Con IX	"	H.Hesslip	"	2	75	64	Sulphur	D			

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *	
NORFOLK COUNTY - cont.												
Townsend Twp. - cont.	Con IX lot 18	W. McKenzie	R. Swayze	Aug. 28, 1964	6 1/2	3	30	7	Sulphur	D	Clay 2; flint 40; limestone 45. Water at 42.	
	Con IX lot 22	N. Gaher	"	July 24, 1967	6 1/2	25	25	20	"	D,S	Deepening well limestone 77. Water at 74.	
	Con X "	R. VanDenHeede	E. Stewart & Son	Feb. 21, 1967	5	60	25	12	Fresh	D,S	Coarse sand loam 29. Water from 15 to 29.	
	Con X "	"	"	Apr. 5, 1967	4	200	25	12	"	Ir	Coarse sand loam 45; blue clay 48. Water at 45.	
	Con X "	J. DeGroos	R. Swayze	Aug. 13, 1965	6 1/2	8	85	7	"	"	Grey clay 104; flint 130. Water at 127.	
	Con X "	T. Zandville	"	June 28, 1964	6 1/2	3	20	15	"	D	Grey clay 65; brown limestone 72. Water at 69.	
	Con X "	C. Crane	R. Mitchell	Oct. 28, 1965	6 1/2	3	100	15	Sulphur	D	Grey clay 50; flint 107. Water at 105.	
	Con X "	G. North	"	Sep. 26, 1967	6 1/2	2	13	13	Fresh	D,S	Clay 12; flint 32. Water at 29.	
	Con XI "	H. Elliot	R. Hodgson	Dec. 2, 1965	5	37	29	28	"	"	D	Sand 7; clay sand 40; sand gravel 43. Water from 40 to 43.
	Con XI "	T. Duesling	R. Swayze	Jan. 5, 1966	6 1/2	30	28	28	"	"	D	Clay loam 20; blue clay 52; fine sand 60; blue clay 139; gravel 142. Water at 142.
	Con XI "	"	"	Sep. 4, 1966	6 1/2	35	37	37	"	"	D	Clay loam 20; blue clay 52; fine sand 65; blue clay 143. Water at 146.
	Con XI "	G. Howard	"	Feb. 10, 1964	6 1/2	1	46	25	"	"	D	Clay 25; flint 48. Water at 46.
	Con XII "	H. Flewlich	R. McKenzie	Mar. 17, 1964	4	7	45	39	"	"	D,S	Topsoil 2; brown sand 24; grey sandy clay 26; grey putty sand 46; grey coarse sand 53; grey clay 57. Water at 48.
	Con XII "	F. Buchner	S. Linton	Feb. 16, 1965	1 1/2	10	175	15	"	"	D,S	Open dug well 21; fine sand 36; gravel 60. Water at 56.
	Con XII "	L. Elliott	R. Swayze	Dec. 31, 1966	6 1/2	1	50	15	Sulphur	"	"	Sandy clay 40; blue clay 142; flint 180. Water at 155.
	Con XII "	P. Hall	Beaton Well Digging	Oct. 24, 1967	36	44	44	15	Fresh	"	D	Grey clay 45. Water at 35.
Con XII "	D. Lingwood	R. Swayze	July 8, 1965	6 1/2	30	43	43	Sulphur	"	"	Sand 20; sandy clay 50; blue clay 71; flint 91. Water at 88.	
Con XII "	W. McDown	"	Nov. 9, 1965	6 1/2	3	90	36	Fresh	"	S	Clay 28; flint 95. Water at 55.	
Con XII "	R. Newland	"	July 30, 1964	6 1/2	3 1/2	100	30	Sulphur	"	D	Sand 4; blue clay 170; flint 180. Water at 177.	
Con XII "	J. Cloet	E. Stewart	Aug. 11, 1966	7		65			"	Ir	Yellow loam sand 25; blue clay 47; quicksand 150; blue hard clay 170; hard grey limestone 190; soft light grey limestone 210; brown hard limestone 258; soft light grey limestone 272; brown limestone 320; brown limestone shale mixture 360. Water at 190, 235 and 260.	
Con XIII "	W. Maxwell	Hadco Well Drilling Ltd.	Dec. 1, 1966	5	10	65	34	Sulphur	"	D	Topsoil 2; brown clay 31; blue clay 46; sand 52; blue clay stones 170; rock 190. Water at 190.	
Con XIII "	J. Cloet	E. Stewart & Son	June 14, 1967	7	350	275	65	"	"	Ir	Previously dug 360; hard brown limestone 420; hard brown limestone shale mixture 480; hard brown limestone 570; brown limestone shale mixture 630; brown limestone 655; soft grey limestone 660. Water from 360 to 660.	
Con XIII "	A. Malo	R. Dennis	Apr. 14, 1967	5	6	20	16	Fresh	"	D	Black fill 6; brown sand 36; grey sand 49. Water from 36 to 49.	
Con XIII "	W. Chesquiere	E. Mitchell	Jan. 15, 1967	6 1/2	6	50	25	Sulphur	"	D,S	Grey clay 53; flint 60. Water at 58.	
Con XIV "	J. Malo	R. McKenzie	Mar. 1, 1966	4	4	60	30	Fresh	"	D	Topsoil 1 1/2; gravel 3; brown sand 16; very fine grey sand 32; grey clay 33; grey putty sand 70; grey clay 122; putty sand 140; grey clay 159; limestone 164. Water at 164.	
Con XIV "	T. Cleaver	T. Vankessel	Feb. 10, 1964	2	30	20	20	"	"	D,S	Topsoil 3; sand 15; hard clay 22; fine sand 29. Water at 20.	
Con XIV "	Horticultural Station,	R. McKenzie	Feb. 5, 1966	4			1	"	"	T	Black muck 2; brown sticky sand 6; medium brown sand 10; fine brown sand 25. Water at 2.	
Con XIV "	O. Grau	R. Swayze	Apr. 12, 1967	6 1/2	30	25	16	"	"	D,S	Clay 75; flint 105. Water at 102.	
Con XIV "	W. West	G. A. Dennis & Sons	Apr. 8, 1966	5	3	80	80	Fresh	"	D	Brown clay 25; grey clay 60; flint 114. Water at 112.	
Con XIV "	J. Pennema	R. Swayze	Aug. 3, 1967	6 1/2	25	57	57	Sulphur	"	S	Previously drilled 85; flint 130. Water at 65.	



NORFOLK COUNTY -cont.  
Wintham Twp. - cont.

Con I	lot I	S. Komlenski	R. Dennis	Dec. 23, 1967	5	5	54	17	Fresh	D
Con I	3	W. Takacs	E. Stewart	Oct. 12, 1966	5					
Con I	4	P. Rapy	P.V.K. & Sons	May 27, 1967	2	450	11	9	Fresh	Ir
Con I	7	W. Wagnear	T. VanKessel	June 18, 1965	7			11	"	D
Con I	12	J. Kosis	A. Johnson	July 8, 1965	36	30	10	6	"	Ir
Con II	5	J. Kesiak	J. Weaver & Son	Mar. 17, 1964	14	8	25	25	"	D, S
Con II	17	J. Malcolle	H. Wood	May 5, 1966	5	7	4	2	Sulphur	P
Con II	19	G. Frew	"	Nov. 5, 1965	5	15	48	48	Fresh	S
Con III	2	M. Knox	"	Jan. 22, 1964	5	6	16	16	"	D, S
Con IV	22	R. Clement	"	Sep. 9, 1965	5	15	14	14	"	S
Con V	7	Vanessa Park	R. Hodgson	May 4, 1965	7			16	"	T
Con VII	7	J. Underhill	T. VanKessel	Aug. 20, 1965	1 1/2	42	10	10	Fresh	D
Con VII	11	B. Demsey	"	Mar. 17, 1964	2	20	28	27	"	D, S
Con VII	12	W. Cunningham	E. Stewart	May 27, 1964	6 1/2	10	45	40	"	D, S
Con VII	15	P. Takacs	H. Wood	Mar. 29, 1965	5	12	30	30	"	D, S
Con VII	24	Our Lady of LaSalette School	R. McKenzie	Sep. 15, 1965	2	10		7	"	P
Con VIII	3	E. Gwaert	T. VanKessel	Nov. 30, 1967	1	10	10	8	"	D
Con VIII	4	J. Botscheller	"	Oct. 11, 1965	1 1/2	15	8	8	"	D, S
Con VIII	19	A. Keirseblek	H. Wood	Mar. 12, 1965	5	12	25	25	"	D, S
Con IX	4	K. Merriath	R. McKenzie	Apr. 7, 1966	4	4	22	2	"	D
Con IX	11	R. Renn & Son	T. VanKessel	July 4, 1967	2	60	11	6	"	Ir
Con IX	14	A. Vandeweghe	E. Mitchell	Mar. 10, 1967	8 1/2	390	135	20	"	Ir
Con IX	18	G. Samon	W. Belore	Apr. 13, 1965	1	8	6	8	"	D
Con IX	24	O. VanDenheede	R. Hodgson	Feb. 18, 1964	1	8	24	24	"	D, S
Con X	1	J. Cloet	E. Stewart	July 26, 1965	8	400	125	60	"	Ir
Con X	6	M. Erear	R. Hodgson	Dec. 9, 1964	4	8	24	22	Fresh	D
Con X	22	J. Krupicz	Warren Water Wells	Apr. 25, 1965	5	1 1/2	56	40	"	D, S
Con X	23	R. Debusschere	J. Weaver & Son	Feb. 22, 1964	1 1/2	8		21	"	D

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
NORFOLK COUNTY - cont. Winham Twp. - cont.										
Con XI	M. Crygan	T. VanKessel	May 2, 1966	1 1/2	8	15	15	Fresh	D, S	Topsoil 2; hard brown clay 15; medium sand 26. Water at 18.
Con XI	J. Lepp	E. Mitchell	July 20, 1967	8 1/2	200	40	20	"	Ir	Sand clay 33; sand gravel 67. Water at 33.
Con XI	G. Dixon	W. Belore	Feb. 1, 1964	1 1/2	5	24	24	"	D	Open hole 8; clay 35; sand 40; sand 40. Water at 40.
Con XI	W. Lepp	P.V.K. & Sons	Apr. 27, 1967	2	80	10	10	"	Ir	Topsoil 1; brown sand 10; sand 30. Water at 10.
Con XI	L. Auld	R. McKenzie	Dec. 18, 1967	4	4	37	34	"	D	Pill 4; yellow sand 12; grey sandy clay 37; putty sand 56; clay 59; fine grey sand 63; coarse sand 68. Water at 59.
Con XI	P. Kurzya	T. VanKessel	Nov. 2, 1966	1 1/2	30	4	4	"	S	Topsoil 2; fine sand 12; brown clay 18; medium sand 25. Water at 4 and 18.
Con XI	N. Benko	S. Linton	Aug. 9, 1965	1 1/2	30	8	6	"	D	Open pit 4; fine sand 16; coarse sand 23; fine sand 25. Water at 6.
Con XI	S. VanPamelle	R. McKenzie	July 4, 1967	4	8	14	36	"	D	Topsoil 6; gravel stones 18; brown sand 39; medium brown sand 57. Water at 38.
Con XI	K. Wezol	J. Weaver & Son	Mar. 11, 1964	1 1/2	4	27	27	"	D	Topsoil 1; brown clay 5; white sand 20; coarse gravel 22; white sand 32; white quicksand 47. Water at 32.
Con XI	R. Poypa	R. Hodgson	June 5, 1964	5	7	36	34	"	D	Pill 4; grey sand 18; hardpan 35; gravel sand 38; clay 39; fine dark sand 49. Water from 39 to 49.
Con XI	G. Nichols	W.A. Belore	July 29, 1964	1 1/2	4	25	25	"	D	Pine gravel sand 3; medium gravel 19; brown sand 25; grey sand 29; medium sand 46. Water at 29.
Con XI	A. Besselaere	R. Hodgson	Oct. 28, 1965	4	8	36	32	"	D	Sand 6; gravel 12; sand 17; silty sand 42; brown sand 50. Water from 42 to 50.
Con XI	P. VenderHeyden	R. McKenzie	Nov. 19, 1967	2	4	18	18	"	D	Fill 14; yellow sand 33; medium sand 48. Water at 33.
Con XI	H. Jenkins	R. McKenzie	Nov. 28, 1967	4	6	32	30	"	D	Pill topsoil 1; yellow sand 14; grey clay 33; medium sand 48; clay. Water at 33.
Con XII	R. Weber	T. VanKessel	Aug. 28, 1964	1 1/2	50	6	6	"	S	Topsoil 3; hard brown clay 6; blue clay 21; coarse sand 29. Water at 21. Two points tied in.
Con XII	V. Lasanowski	E. Mitchell	July 14, 1967	8 1/2	200	32	16 1/2	"	Ir	Sand clay 17; sand 40; gravel 42; sand 50. Water from 17 to 40 and from 40 to 50.
Con XII	W. Smith	R. McKenzie	June 17, 1965	1 1/2	5	16	14	"	D	Open hole 4; yellow sand 9; grey clay 11; brown sand 14; brown coarse sand 23. Water at 14.
Con XII	"	T. VanKessel	July 10, 1964	1 1/2	12	19	19	"	D, S	Yellow sand 10; medium sand 19; very fine sand 29. Water at 19.
Con XIII	J. Herenwynen	"	Aug. 6, 1964	2	6	24	24	"	In	Coarse sand 31. Water at 24.
Con XIII	P. Hackman	"	Nov. 22, 1966	2	40	16	16	"	D	Topsoil 2; hard clay 6; coarse gravel 10; hardpan gravel 13; gravel 26. Water at 16.
Con XIII	C. Woolley	R. McKenzie	Apr. 19, 1966	4	9	39	31	"	D, S	Topsoil 1; sand stones 8; brown medium sand 30; brown coarse sand 49. Water at 31.
Con XIII	Cayuga Quarries	T. VanKessel	Apr. 20, 1967	2	25	28	28	"	C	Topsoil 1; yellow sand 3; coarse gravel 4; fine sand 18; coarse gravel stone 20; coarse sand 29; coarse gravel 36. Water at 25.
Con XIII	L. Paczay	"	Dec. 21, 1966	2	5	24	24	"	D	Topsoil 2; fine sand 15; hard clay 24; fine sand 30. Water from 27 to 30.
Con XIII	"	Bealton Well Digging & Constr	Dec. 12, 1967	36	< 2	10	10	"	D	Yellow sand 8; fine sand brown clay 14; fine sand 24; blue clay sand 25. Water at 14.
Con XIII	"	R. Swayze	Nov. 24, 1967	6 1/2	"	"	"	"	"	Sand 8; yellow clay 35; sandy clay 40; blue clay 50. Dry hole.
Con XIII	"	"	Nov. 22, 1967	6 1/2	"	"	"	"	"	Sand 18; yellow clay 40; blue clay 100. Dry hole.
Con XIII	J. Tarr	T. VanKessel	Apr. 28, 1966	1 1/2	15	7	7	Fresh	D	Topsoil 3; fine brown sand 7; fine grey sand 16. Water at 7.
Con XIII	"	"	Aug. 11, 1966	2	40	4	4	"	In	Very fine sand 15. Water at 4.
Con XIII	"	"	Mar. 29, 1967	2	30	6	6	"	In	Topsoil 2; fine sand 6; medium sand 18. Water at 7.
Con XIII	"	"	Sep. 21, 1967	1 1/2	40	8	8	"	D	Topsoil 2; fine sand 6; hard medium sand 8; fine sand 16. Water at 8.

NORFOLK COUNTY - cont.  
Windham Twp. - cont.

[illegible]

\* See end of Appendix C for the meanings of abbreviations and symbols



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
NORFOLK COUNTY - cont.										
Woodhouse Twp. - cont.										
Con III	V. Kish	T. VanKessel	Aug. 29, 1967	2	20	33	33	Fresh	D	Topsoil 2; hard brown sand 5; fine sand 15; hard clay 20; fine sand 33; coarse gravel 39. Water at 33.
Con III	R. Stickney	R. Hodgson	May 8, 1965	4	6	35	33	"	D	Topsoil 1; yellow sand 9; hard dry sand 11; yellow sand 17; fine yellow sand 39; coarse brown sand 44; clay sand. Water from 39 to 44.
Con III	R. Stickney	T. VanKessel	July 23, 1965	2	20	34	34	"	D	Open well 18; medium fine sand 26; coarse sand 34; coarse gravel 40. Water at 34.
Con III	B. Cockson	"	Apr. 8, 1965	2	60	10	10	"	C	Coarse stone sand 2; coarse sand 18. Water at 10.
Con III	Cebulak Bros.	H. Johnson	May 23, 1966	36	5	22	26	"	C	Black loam 1; sand stone gravel 14; coarse sand stone 36. Water at 26.
Con III	O. Mason	E. Stewart	Oct. 2, 1967	5	10	45	40	"	D, S	Drilled well 37; real hard flint 69. Water at 69.
Con III	W. Prew	H. Wood	May 3, 1967	5	6	32	30	"	D, S	Old dug well 36; grey clay 95; quicksand 120; putty sand 145; hardpan 155; limestone bedrock 158. Water at 158.
Con IV	S. Coldwell	R. McKenzie	June 2, 1966	4				"	N	Topsoil 18; grey clay 10; clay stones 12; fine gravel 40; brown clay 43; brown putty sand 54; grey putty sand 67; brown sandy clay 75.
Con IV	"	"	June 16, 1966	4	2	43	43	Fresh	D	Topsoil 1; yellow sand 5; fine gravel 42; fine brown sand 57. Water at 43.
Con IV	J. Lukas	J. Wickett	Feb. 15, 1964	5	15	40	40	"	D, S	Sandy loam 12; blue clay 95; gravel 96. Water at 96.
Con IV	D. Clement	"	July 10, 1965	5	10	64	64	"	D	Brown clay 20; blue clay 100; dirty gravel 4. Water at 100.
Con IV	W. Andronyk	E. Stewart	Sep. 26, 1967	5	4	90	70	"	D, S	Yellow clay 10; blue clay 31; flint 95. Water at 80.
Con IV	H. Koni	E. Mitchell	July 6, 1964	6 1/2	20	70	35	"	S	Grey clay 38; brown limestone 60; flint 134. Water at 120 and 124.
Con IV	W. Bootsma	"	Aug. 29, 1964	6 1/2	20	80	55	"	D, S	Grey clay 39; brown limestone 65; flint 115. Water at 109.
Con V	K. Lloyd	R. Hodgson	Aug. 12, 1965	4	4	28	22	"	D	Flint 6; red clay 30; blue clay 45; soupy clay 60; clay 82; coarse sand gravel 85. Water from 82 to 85.
Con V	W. Larks Farms	R. McKenzie	Apr. 23, 1966	4	7	44	29	"	D, S	Open hole 8; black sand 14; red sand 31; brown sand 52; grey clay 55. Water at 29.
Con V	P. Marinuk	R. Swayze	Mar. 9, 1967	6 1/2	25	100	32	"	Ir	Clay 65; grey sand 75; clay 106; flint 130. Water at 126.
Con V	B. Donnell	E. Mitchell	Apr. 18, 1966	6 1/2	10	40	35	"	D	Grey clay 100; medium gravel silt 117; brown limestone 126. Water at 100 and 125.
Con V	J. Bowyer	"	Feb. 6, 1965	6 1/2	15	50	14	"	D	Clay 52; brown limestone 60. Water at 59.
Con V	G. Mathews	"	July 5, 1966	5	5			"		Yellow clay 30; soupy sand clay 62; brown limestone 92; flint 140. Dry hole.
Con V	"	"	July 12, 1966	5				"		Yellow clay 30; soupy sand clay 60; brown limestone 90; flint 105. Dry hole.
Con V	R. Austin	R. Swayze	Apr. 3, 1967	6 1/2	20	45	42	"	D, S	Yellow clay 15; grey clay 67; flint 75. Water at 72.
Con VI	G. Goldies	R. McKenzie	Jan. 21, 1966	4	8	30	27	"	C	Flint 6; brown sand 11; grey clay 26; brown sand 36. Water at 11 and 26.
Con VI	W. Zorad	E. Mitchell	Mar. 15, 1967	8 1/2	400	200	30	"	N	Clay 10; sand gravel 15; clay 162; flint 236; brown limestone 307; grey shale 337. Water from 11 to 15; at 171 and 215.
Con VI	M. Poljak	J. Wickett	Feb. 6, 1964	5	15	60	10	"	S	Brown sand 10; quicksand 97; white Niagara 128. Water at 103.
Con VI	Hexburg's Farm Market	T. VanKessel	May 20, 1965	1 1/2	5	6	6	"	D	Topsoil 3; fine sand 14. Water at 4.
Con VI	W. Kerfoot	R. Swayze	Jan. 10, 1967	6 1/2	4	100	37	"	S	Sand 3; blue clay 83; flint 110. Water at 107.
Con VI	P. Keryo	P. Neudert	Mar. 8, 1967	36	10	70	17	"	D, S	Clay 70. Water from 30 to 70.
Con VI	W. Weidendorf	R. Swayze	Oct. 1, 1965	6 1/2	4	70	17	"	D	Yellow sand 10; blue clay 62; flint 80. Water at 63.
Con VI	Dr. I. J. Metcalfe	"	July 2, 1965	6 1/2	5	70	37	"	D	Grey clay 40; broken rock 47; flint 76. Water at 70.



NORFOLK COUNTY -cont.											
Gore	Woodhouse Twp. lot 4	K. Weselan	R. McKenzie	Nov. 23, 1967	2	65		12	Fresh	Ir	Topsoil 1; yellow sand 14; grey clay 17; coarse sand 32; fine grey sand 37. Water at 12. Open well 13; brown sand stones 28; sand clay lumps 31; brown fine sand 36; brown medium sand 42. Water at 33. Sand 10; clay 20; coarse sand 30; gravel 38. Water at 30. Gravel 35; sandy clay 116; grey limestone 140. Water at 136. Clay 16; gravel 28; soupy clay gravel 50; clay 110; gravel 115. Water from 112 to 115. Brown stony sand 4; medium gravel 6; medium grey sand 16. Water at 13. Topsoil 1; yellow sand 12; gravel 20; brown sand 43; dirty brown sand 80; putty sand 121; soupy clay 158; putty sand 170; soft clay 186; white limestone 220. Water at 184 and 218. Open well 9; cement bottom pit 108; brown sand 26; brown sand clay 30; clay 33; brown medium sand 49. Water at 26 and 33. Yellow sand 3; coarse sand 19. Water at 13. Large pond 20; sand 25; yellow sand 40; coarse sand 50. Water at 40. Open hole 15; silt 22; coarse sand 49. Water at 33. Pine sand 192; grey limestone 254. Water at 218 and 253.
Gore	" 6	E. Trinder	"	July 21, 1964	4	5	37	33	"	D	
Gore	" 6	J. Hughes	T. VanKessel	Aug. 20, 1964	2	10		30	"	D	
Gore	" 7	H. Bullock	R. Swayze	Nov. 12, 1964	6 1/2	20	50	31	Sulphur	D, S	
Gore	" 10	D. Witham	R. Hodgson	May 22, 1964	5	3 1/2	95	35	Fresh	D, S	
Gore	" 11	M. Page	R. McKenzie	Mar. 31, 1964	1 1/2	3		13 1/2	"	C	
Gore	" 11	P. Sowden	R. Hodgson	June 15, 1965	8	375	88	79	Sulphur	Ir	
Gore	" 12	A. Jensen Ltd.	R. McKenzie	Jan. 8, 1964	4	12	37	31	Fresh	D	
Gore	" 18	F. Bloney	S. Linton	Jan. 9, 1967	1 1/2	33		13	"	D	
Gore	" 19	J. McCabe	R. Hodgson	July 24, 1964	2	50		30	"	Ir	
Gore	" 19	"	P. V. K. & Sons	July 20, 1967	2	450		18	"	Ir	
Gore	" 20	J. Kichler	S. Lyons & Son	May 20, 1966	8	300		95	Sulphur	Ir	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOGS AND REMARKS* (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY Beachville Village	G.Dunn	K.McLeod & Sons	June 15, 1967	4 1/2	6	35	30	Fresh	D	Sand gravel 20; gravel hardpan stones 32; limestone 47. Water at 47.
	F.Lowes	F.Lowes	May 17, 1967	30	12	48	20	"	D	Topsoil 1; brown clay 3; brown sandy clay gravel 20; gravel 24; blue clay 45; gravel 50. Water at 21 and 45.
	J.Ipseon	K.McLeod & Sons	Sep. 15, 1966	4 1/2	6	25	20	"	D	Clay stones 8; gravel sand 35; limestone 38. Water at 38.
	G.Brant	"	Aug. 3, 1966	4 1/2	6	22	28	"	D	Brown clay stones 10; red sand 29; limestone 45. Water at 45.
	G.Sackrider	"	May 7, 1966	4 1/2	6	36	34	"	D	Topsoil 3; gravel stones 20; red sand 35; limestone 46. Water at 46.
	J.Parsons	"	Feb. 10, 1966	4 1/2	5	100	98	"	D	Brown clay 20; hardpan stones 60; blue clay stones 80; hardpan 90; limestone 138. Water at 138.
	A.Vanderkool	National Pump & Water Supply	Dec. 30, 1965	4	6		21	"	D	Stony grey clay 2; clay sand layers 38; brown shale 40. Water at 40.
	W.Embury	K.McLeod & Sons	June 28, 1965	4 1/2	6	70	64	"	D	Coarse gravel stones 10; hardpan 64; limestone 97. Water at 82 and 97.
	S.Frederick	Steinman & Baird	Aug. 25, 1964	4	7	28	11	Sulphur	D	Dug well 12; gravel broken limestone 17; grey brown limestone 32; Water from 36 to 32.
	J.Denby	"	Aug. 25, 1964	4	14	31	25	Fresh	D	Stony clay 19; gravel 26; limestone slabs 28; limestone 41. Water from 39 to 41.
	W.Moggach	K.McLeod & Sons	June 26, 1964	4	6	30	27	"	D	Sand gravel 29; limestone 48. Water at 47.
Blandford Twp. Con I	P.Larabre	National Pump & Water Supply	May 30, 1966	4	10	35	21	Fresh	D	Topsoil 6; grey clay 30; blue clay 60; grey clay stones 88; brown shale 9; limestone 105. Water at 105.
	R.Garland	"	June 30, 1966	5	12 1/2	80	37	"	D	Topsoil 2; grey clay small stones 50; blue clay 68; hardpan stones 99; brown shale 10; grey black rock 145; brown shale 157. Water at 99, 145 and 157.
	R.Dors	"	Aug. 15, 1966	4	11	38	31	"	D	Clay 20; blue clay 58; clay stones 98; brown shale 100. Water at 98.
	J.Pearson	N.Steinman	Feb. 3, 1967	4	12	29	21	"	D, S	Topsoil 4; sand 13; grey clay 66; shale 70; grey limestone 101; brown limestone 102. Water from 100 to 102.
	M.Potter	C.Kent	Jan. 2, 1965	5	5	26	22	"	D	Yellow sand stones 20; cemented gravel 36; putty sand 39; cemented gravel 44; dirty gravel 54; clean heavy gravel 58. Water at 58.
	E.Sinclair	K.McLeod & Sons	Jan. 21, 1966	4 1/2	5	16	14	"	D	Brown clay 12; brown clay gravel stones 39; gravel 40. Water at 40.
	W.Biloski	J.Stefen	Sep. 23, 1966	4	5	55	53	"	D, S	Sort stony clay 82; medium gravel 83. Water at 82.
	G.Tune	National Pump & Water Supply	Mar. 8, 1967	4	5	70	45	"	D	Sand 5; brown clay 3; blue clay 100; hardpan 130; silt 200; clay 210; sand 214; fine gravel 217. Water at 140 and from 214 to 217.
	G.Oakley	K.McLeod & Sons	Nov. 13, 1964	5 1/2	7	46	20	"	D, S	Brown clay 15; blue clay 35; red clay stones 60; hardpan 66; dark rock 74. Water at 74.
	R.Oakley	"	Sep. 18, 1965	5 1/2	6	27	24	"	D, S	Sand 8; blue clay sand 59; hard rock 70. Water at 70.
Con III										
Con III										

OXFORD COUNTY - cont.									
Blanford Twp. lot 13	Woodstock Water Comm.	International Water Supply Ltd.	May 9, 1967	6					
Con III	"	"	May 9, 1967	6					
Con III	"	"	May 5, 1967	2					
Con III	"	"	May 3, 1967	2	12	14	5	Fresh	
Con III	"	"	May 4, 1967	2	26	23	8	"	
Con III	"	"	Apr. 26, 1967	6					
Con III	"	"	Apr. 28, 1967	2	12	16	4	Fresh	
Con V	F. Peters	Steinman & Baird	May 15, 1964	5	20	14	9	"	
Con VI	R. Franklin	W. Baird	Dec. 15, 1967	4	20	20	8	"	
Con VII	K. Kalbfleisch	J. Weaver & Son	Nov. 25, 1964	2	8		40	"	
Con VII	C. Bauman	E. Stewart	June 5, 1964	6½	10	38	28	iron	
Con VIII	VanBoeckel Bro.	Steinman & Baird	Dec. 14, 1965	5	20	24	18	Fresh	
Con X	1 S.S. #4 Blanford	N. Steinman	Apr. 5, 1966	7	12	68	28	"	
Con X	M. Arnott	Steinman & Baird	Sep. 16, 1965	5	15		34	"	
Con X	T. Lock	"	June 26, 1964	5	16	30	17	"	
Con XI	J. Lamberink	"	Apr. 15, 1964	5	11	65	11	"	
Con XI	H. Magnus	Lone Star Well Digging	Aug. 13, 1966	30	5	40	20	"	
Con XI	T. Arnott	N. Steinman	Aug. 11, 1967	5	20	16	4	"	
Con XI	C. Both	C. & H. Kerr	Dec. 12, 1965	4	25	30	4	"	

T 8-67	Sand 13;boulders gravel sand 16;brown clay gravel streaks 29; broken limestone 33;limestone	Dry hole
T 9-67	Sand 13;gravel sand brown clay streaks 28;broken limestone 31; limestone	Dry hole
T 7-67	Sand 15;brown clay gravel streaks 32;broken limestone 35;lime- stone	Water from 5 to 32
T 5-67	Sand 17;boulders gravel sand 20;gravel silty clay streaks 23; grey clay 26;broken limestone 33;limestone 34	Water from 5 to 31
T 6-67	Fine sand 22;boulders gravel sand brown clay 32;broken lime- stone 35;limestone	Water from 8 to 32
T 3-67	Dirty sand 7;brown clay gravel 10;grey clay Gravel 20;clay gravel 24;broken gravel limestone sand 32;sandy clay limestone 33	
T 4-67	Fill 1;fine sand 11;broken gravel boulders sand 26;dirty gravel boulders sand clay 3;limestone 33	Water from 5 to 32
D,S	Brown sand 6;silty sandy gravel 20;grey sandy Gravel 27	
"	Stony sandy clay 22;gritty grey clay 59;silty sand 126;gritty grey clay 150;grey shale 151;grey limestone 152	Water at 40
D,S	Open well 40;brown quicksand 55	Water at 40
"	Blue clay sand mixture 15;hard blue clay 40;shaly soft caving rock 55;soft light brown limestone 89	Water at 88
D,S	Clay 5;rock slabs 56;grey brown limestone 93	Water at 92
P	Gravelly clay 8;sandy clay 29;brown clay 55;sand 89	Water at 82 and 89
D,S	Grey clay 28;stony hardpan 55;stony grey clay 77;grey clay 103;brown grey shale 109;blue limestone 113;brown limestone 113;brown limestone 129;grey brown limestone 140	Water from 129 to 140
D,S	Brown stony cl-y 6;grey silty clay 28;grey gravelly hardpan 40;silty grey clay 61;brown clay 66;sandy gravel 69	Water from 67 to 69
D,S	Brown sandy clay 15;brown grey sandy gravel 38;grey gritty clay 95;grey gritty hardpan 100;grey gravelly clay 110;grave- lly hardpan 112;silty Gravel 115;gravelly hardpan 126;grey blue shale 140	Water at 140
S	Brown clay 20;sand 40;gravel 48	Water at 40
D,S	Fill 2;brown clay 17;grey clay 41;hard grey clay 77;dirty gravel 78;gritty hard clay 82;layers brown limestone gritty hard clay 92;brown grey limestone 126	Water at 110 to 126
D,S	Stony clay 32;sandy clay 94;boulders clay 122;brown shale 134	Water from 131 to 134

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
OXFORD COUNTY - cont. Blenheim Twp.										
Con I	H.Berg	J.Stefan	Dec. 9, 1965	4	4	55	10	Fresh	D	Dirty gravel boulders 24;silty sand clay streaks 56;blue clay 68;dark blue shale 73;light grey limestone 98. Water at 98.
Con I	G.Bailey	"	Oct.28,1964	4	5	50	38	"	D	Soft silty sand clay streaks 72;blue clay 114;shale 115;rock 116. Water at 116.
Con I	R.Biley	"	Nov. 3, 1964	4	5	40	35	"	D	Stony clay sand streaks 64;fine gravel 67. Water at 64.
Con I	R.Sparks	"	June 14, 1965	4	3	75	37	"	D	Hard stony clay 22;sandy clay 30;fine sand 71;hard stony clay 80;dirty gravel 99;clean fine gravel 100. Water at 99.
Con I	J.Beulenkamp	"	Oct.30,1967	4	10	18	15	"	D,S	Clay 12;silty sand clay streaks 38;dirty gravel 45;medium sand 60. Water at 45.
Con I	Catholic School Board	"	Aug.30,1965	4	15	12	10	"	P	Hard stony clay 24;fine gravel 26;soft sand clay 34;dirty gravel 55;soft blue clay 58;medium gravel 59. Water at 58.
Con I	Princeton United Church	"	May 15, 1967	4	10	16	14	"	D	Hard stony clay 28;soft silty clay 46;medium gravel 48. Water at 46.
Con I	F.Borzas	"	Aug. 1, 1967	4	10	20	14	"	D	Dug well 25;hard stony clay 45;fine silty sand 53;fine gravel 55. Water at 53.
Con I	P.Dekoning	"	Sep.20,1967	4	10	19	17	"	D	Clay boulders 12;hard stony clay 46;fine gravel 48. Water at 46.
Con I	L.McDonald	"	Sep. 7, 1965	4	5	20	14	"	D	Dug well 5;hard stony clay 31;fine gravel 32. Water at 31.
Con I	Post Office Dept.	"	May 21, 1964	4	5	35	17	"	P	Gravel fill 4;hard stony clay 28;hard packed gravel 64;hard stony clay 69;fine gravel 70. Water at 69.
Con I	M.Magashazi	"	July 22, 1964	4	5	15	13	"	D	Soft silty sand 14;blue clay 29;coarse gravel 30. Water at 29.
Con I	S.Hoves	"	Dec. 4, 1967	4	5	35	15	"	D	Hard gravelly clay 18;soft silty sand clay streaks 57;dirty gravel 60;hard clay 69;medium gravel 70. Water at 69.
Con I	J.Conroy	E.Stewart	Feb.22,1964	5	5	84	10	"	D	Sandy 10m 12;blue clay 48;quicksand 71;sand 85. Water from 75 to 85.
Con I	W.Tuttle	N.Steinman	Sep.12,1967	4	12	31	24	"	D	Sand 9;gritty grey clay 38;grey clay 87;gravel 91;broken shale 95. Water at 93.
Con II	S.Cabak	J.Stefan	Nov. 1, 1966	4	10	22	11	"	S	Hard stony clay 12;soft sandy clay 57;medium sand 60. Water at 57.
Con II	G.Florstedt	"	Aug.16,1966	4	10	35	27	"	D,S	Soft sandy clay 28;silty sand 88;dirty gravel 104;hard stony clay 120;blue clay 151;medium gravel 152. Water at 151.
Con II	W.Collings	W.Johnson	Sep.18,1964	24	3	25	20	"	D	Previously bored 25;hard clay small stones silt 55;gravel small stones 62. Water at 55.
Con II	J.Gerencher	J.Stefan	July 29, 1966	4	5	55	31	"	D	Dug well 34;soft sand clay 112;hard stony clay 129;light grey rock 130. Water at 130.
Con III	G.Laine	"	Aug.12,1965	4	10	70	19	"	D,S	Hard stony clay 11;silty sand 16;silty sand clay streaks 34;blue clay 50;dirty gravel 67;hard stony clay 102;silty sand clay streaks 118;hard stony clay 145;dirty gravel 147;clean fine gravel 148. Water at 147.
									S	Brown clay 45;blue clay 95;gravel 105. Water at 100.
Con III	W.Meacham	Lone Star Well Digging	Apr.12,1964	30	2	95	90	"	D,S	Sand 4;coarse gravel 18;blue clay 25;sandy clay 30. Water at 25.
Con III	L.Dunouchel	"	Mar.23,1964	30	2	18	12	"	"	
Con III	J.Takaos	J.Stefan	July 21, 1966	4	10	45	30	"	D	Soft silty clay sand streaks 105;hard stony clay 109;brownish grey rock 110. Water at 110.
Con III	L.Menard	"	July 18, 1967	4	10	42	32	"	D	Soft sand clay 90;fine medium sand 100;hard packed sand 118; shale 123;grey rock 124. Water at 124.

OXFORD COUNTY - cont.  
Blenheim Twp. - cont.

Con IV	J. Piggett	Lone Star Well Digging J. Stefan	June 30, 1964	30	3	35	25	Fresh	D	Brown clay 25; blue clay 35; gravel 40. Water at 35.
Con IV	A. Wilson		June 2, 1964	4	6	45	35	"	D, S	Soft sand clay 46; silty sand clay streaks 75; fine silty gravel hard packed yellow clay 118; yellow clay sand streaks 141; fine gravel 144. Water at 141.
Con V	D. Matters	Steinman & Baird	Jan. 4, 1964	5	10	74	32	"	D, S	Stony gravel 23; sand 24; gritty clay 83; sand 87. Water at 83.
Con V	J. Cockburn	Lone Star Well Digging W. Baird	Aug. 31, 1967	30	5	30	27	"	D	Topsoil 2; blue clay 40; gravel 45; clay 47. Water at 40.
Con V	A. Magee		June 27, 1966	5	15	30	22	"	D, S	Sand 42; gravelly grey clay 49; hardpan 72; sandy clay 128; grey clay 154; gritty hardpan 184; brown shale 185; brown limestone 187. Water at 187.
Con VI	W. Macey	Steinman & Baird	Apr. 24, 1964	4	20	53	45	"	D, S	Brown sandy clay 17; grey gravelly clay 58; grey gravelly hardpan 65; brown silty clay 119; brown gravelly hardpan 126; brown sandy gravel 129. Water from 126 to 129.
Con VI	R. Peterson	J. Weaver & Son	Mar. 4, 1964	1 1/2	4	25	25	"	D, S	Topsoil 1; brown stony clay 20; coarse sand 29. Water at 25.
Con VI	E. Yeandle	Steinman & Baird	Nov. 25, 1964	5	15	127	107	"	D	Brown clay 25; gritty grey clay 42; grey clay 83; gritty grey clay 93; gritty hardpan 122; gritty brown clay 139; gritty hardpan 149; gritty clay 196; dirty sand 200. Water from 196 to 200.
Con VI	W. Cockburn	Lone Star Well Digging	Nov. 30, 1966	30	10	25	10	"	D	Brown clay 5; sand 30; blue clay 46. Water at 30.
Con VI	D. Carson	Steinman & Baird	Sep. 11, 1964	4	20	45	40	"	D	Sand 83; gritty hardpan 123; grey clay 148; gritty grey clay 215; dark grey shale 217. Water at 216 1/2.
Con VII	G. Weeks	Lone Star Well Digging J. Stefan	Sep. 17, 1964	30	3	35	30	"	D	Brown clay 35; fine gravel 36; brown clay 40. Water at 35.
Con VII	J. Schell		Nov. 11, 1965	4						
Con VII	G. Hunter	"	Oct. 26, 1966	4	5	115	96	Fresh	P	Sandy clay 8; hard stony clay 45; soft silty clay 50; blue clay 60. Dry hole.
Con VII	C. Sippel	Lone Star Well Digging	May 9, 1964	30	3	40	35	"	D	Hard stony clay 48; blue clay 84; hard stony clay 96; dirty coarse sand 100; hard gravelly clay 150; blue clay 174; medium sand 177. Water at 174.
Con VII	Drumbo Auto Body		Dec. 21, 1964	30	5	14	14	"	D	Brown clay 2; blue clay 40; sand 42; blue clay 44. Water at 42.
Con VIII	W. Azzopardi	J. Stefan	Nov. 5, 1965	4	5	50	5	"	D	Coarse gravel 20. Water at 14.
Con VIII	J. Smith	Lone Star Well Digging C. Shantz	Oct. 24, 1966	30	10	15	7	"	D	Soft silty sand 38; hard stony clay 56; silty sand clay streaks 99; hard stony clay 117; fine gravel 118. Water at 117.
Con VIII	N. McIntyre		Feb. 8, 1964	7	0	0	50	"	D, S	Coarse gravel 15; blue clay 20. Water at 15.
Con IX	G. Black	W. Packham	July 6, 1967	6	4	75	45	"	D	Dug well 30; clay gravel 135; sand clay 140; clay gravel 170; silty sandy clay 185; sand gravel 190. Water from 185 to 190.
Con IX	W. Dance	Lone Star Well Digging W. Baird	Aug. 22, 1967	30	5	38	33	"	D	Clay sand gravel 15; gravel 35; clay sand gravel 73; gravel 75. Water at 75.
Con IX	G. Schuster		Sep. 23, 1966	5	12	70	66	"	D	Brown clay 30; fine sand 33; coarse sand 42 1/2. Water at 33.
Con IX	J. Maos & Sen	C. Shantz	Feb. 26, 1964	7	15	80	66	"	D, S	Sand 46; grey clay 199; brown shale 201; brown limestone 204. Water at 204.
										Dug well 27; clay gravel boulders 100; blue clay 170; clay gravel 190; silty sandy clay 195; brown limestone 201. Water from 195 to 201.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
OXFORD COUNTY - cont. Blendsville Twp. - cont. Con IX	G. Wismer	Lone Star Well Digging	June 1, 1965	30	3	25	20	Fresh	D	Clay 20;sand 29;coarse gravel 30. Water at 20.
	" 2	R. Barrie	Nov. 3, 1965	5	5	90	50	"	D,S	Topsoil 1;sand 20;sandy clay 65;clay 94;hardpan 105;sand 105 1/2. Water at 105.
	" 6	H. Guthrie	May 2, 1966	5	7	80	56	"	D,S	Topsoil 1;clay boulders sand 20;sand clay 142;sand gravel fine sand 143. Water from 142 to 143.
	" 8	I. Campbell	Sep. 30, 1964	7	15	40	36	"	D,S	Topsoil 1;gravel 21;sand 78;gravel sand 79. Water at 79.
	" 24	Steinman & Baird	Oct. 19, 1964	7	25	61	27	"	D	Clay sand 86;clean sand 98. Water from 88 to 98.
	" 24	"	Oct. 30, 1964	7	20	51	16	"	D	Sandy clay 15;grey clay 65;sand 68. Water from 66 to 68.
	" 24	H. Eddyvean	Mar. 15, 1966	5	4	70	37	"	D	Dug well 5;sandy clay 60;fine sand 86. Water from 60 to 86.
	" 24	L. Wetlaufer	June 25, 1966	30	10	20	7	"	S	Blue clay 20;gravel 22. Water at 20.
	" 24	P. Borzas	"	"	"	"	"	"	"	"
	" 24	C. Biness	"	"	"	"	"	"	"	"
	" 4	O. Breidenbaugh	Apr. 15, 1966	4	7 1/2	120	98	Sulphur	D	Sand 48;sandy clay 89;sand 128;gravelly grey clay 203;fine sand 223;gravelly grey clay 245;dark grey limestone 259;brown limestone 267;dark grey limestone 404;zyxpeum 425. Water at 425.
	"	"	"	"	"	"	"	"	"	"
Con XI	W. Piggett	Lone Star Well Digging	Nov. 27, 1967	30	8	24	19	Fresh	D	Topsoil 2;clay 25;gravel 29. Water at 19.
	" 18	"	"	"	"	"	"	"	"	"
	" 11	J. Halenak	Nov. 16, 1966	30	5	50	30	"	D	Brown clay 5;blue clay 50;coarse sand 60. Water at 50.
	" 13	B. Coltham	June 1, 1965	30	3	12	10	"	D	Sand 10;coarse gravel 18. Water at 10.
	" 13	"	Aug. 24, 1965	30	10	12	10	"	S	Sand 12;brown clay 18. Water at 10.
	" 14	J. Tew	Oct. 1, 1967	5	20	60	5	"	D,S	Topsoil 2;sand clay 15;clay hardpan 30;quicksand 34;clay hardpan 81;quicksand 83;clay 150;hardpan 155;brown shale 157. Water from 155 to 157.
	"	"	"	"	"	"	"	"	"	"
	"	Steinman & Baird	Oct. 26, 1965	4	8	"	Flows	"	D	Fill 7;sandy clay sand 38;gravelly hardpan 93;grey blue clay 109;gritty hardpan 123;blue clay 131;shale 137;blue shale 116;stone 169;brown limestone 171. Water at 141 and 171.
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
Con XII	OWRC	F. Johnston Drlg. Co. Ltd.	Sep. 7, 1966	7	10	"	18	"	T	Stone clay till 36;silty sand 50;fine sand 64;coarse sand 65;fine sand 70;medium sand 72;stony till 78;silty sand 90;stony till 95. Water from 63 to 72.
	" 18	"	Oct. 12, 1966	7	"	"	"	"	T-66	Stony till 17;silty clay 42;stony till 46;fine sand 102;stony till 130.
	" 18	"	Sep. 21, 1966	7	100	11	8	Fresh	T-66	Stony till 19;silty clay 25;stony till 32;fine sand 45;coarse sand 53;coarse muddy sand 55;very fine sand 56. Water from 45 to 55.
	" 18	"	Sep. 27, 1966	7	"	"	8	"	T-66	Stony till 3;fine silty sand 8;silty clay 15;stony till 25;fine sand 30;coarse sand 46;fine sand 49;coarse sand 57;stony till 59. Water from 40 to 57.
	"	"	"	"	"	"	"	"	In	Gravel 20;clay gravel 60;fine gravel 69. Water from 61 to 69.
	"	"	"	"	"	"	"	"	S	Sand 24;clay 30;gravel 34. Water at 24.
	" 18	Canada Sand Paper Ltd.	Nov. 7, 1967	8	80	41	7	"	"	Topsoil 2;clay 30;sand 36. Water at 30.
	" 20	N. Ellis	Sep. 3, 1964	30	3	30	24	"	"	Stony clay 23;dirty sand 26;stony clay 33;sandy gritty clay 75;fine sand 94;clay 99;hardpan 169;blue shale slats clay 178;brown limestone 191. Water from 188 to 191.
	" 22	D. Stauffer	June 8, 1967	30	5	30	14	"	D,S	Brown clay 5;coarse sand 15;blue clay 70;gravel 75. Water at 70.
	" 24	W. Brown	May 15, 1964	5	15	92	62	"	"	"
	"	"	"	"	"	"	"	"	"	"
	" 11	J. Higgins	Dec. 20, 1966	30	10	70	60	"	D	"



OXFORD COUNTY - cont. Eleventh Twp. Con XIII	A. McCormick	lot 18	Steinman & Baird	Oct. 26, 1964	5	15	12	8	Fresh	D	Brown sand gravel 8; grey cilty gravel clay 25; grey silt 35; silt sand 45; dirty sand gravel 49 1/2; sandy gravel 51. Water from 50 to 51. Topsoil 3; brown clay 2; gravel 4; blue sandy clay 24; gravel. Water at 24.
Con XIII	H. Harris	" 18	Hedco Well Digging Ltd.	Apr. 25, 1967	30	10	24	2	"	D	
Con XIV	N. Einwechter	" 9	W. Packham	Dec. 17, 1965	6 1/2	30	60	55	"	D, S	Dug well 5 1/2; clay gravel 6 1/2; sand gravel 70. Water at 70.
Con XIV	D. Phillips	" 16	McLaughlin Water Wells & Supply Ltd.	Mar. 18, 1966	5	10	105	85	"	D	Soil 1; clay 10; sand clay 100; clay 120; hardpan 135; gravel clay 155; hardpan 193; gravel 195. Water from 193 to 195.
Con XIV	W. Kaufman	" 23	Steinman & Baird	Nov. 2, 1965	5	20	62	52	"	D, S	Topsoil 3; brown silty clay 20; grey gritty clay 30; grey gritty hardpan 50; silty sandy gravel 88; coarse sandy gravel 92. Water from 88 to 92.
Dereham Twp. Con I	lot 15	H. Dinner	G. Hussey	Aug. 1, 1964	5	8	40	30	Fresh	D	Brown clay 80; sand gravel 85. Water at 80.
Con I	" 15	"	K. McLeod & Sons	Oct. 13, 1966	5	5	68	60	"	D	Previously drilled 80; sand gravel 114. Water at 114.
Con II	" 2	J. Mezenberg	Warren Water Wells	Aug. 29, 1964	5	5	68	68	"	D, S	Yellow clay stones 21; grey clay stones 28; pit gravel 46; yellow sand 55; grey putty sand 63; grey clay 102; coarse sand 111. Water at 111.
Con II	" 4	C. Voegt	E. Stewart	Aug. 13, 1964	5	10	90	90	"	D, S	Clay loam 15; clay gravel 25; clay 50; quicksand 140; blue clay 249; sand gravel clay 256; limestone 258. Water at 249 and 258.
Con II	" 9	A. Kunkel	G. Hussey & Son	Mar. 17, 1964	4	3	51	41	"	D	Clay 40; sand gravel streak 4; clay 65; sand gravel 66. Water at 65.
Con II	" 13	I. Baskett	Hedco Well Digging Ltd.	Aug. 24, 1966	5 1/2	15	75	50	"	D	Gravel fill 6; brown clay 36; gravel 37; blue clay 65; gravel 68; blue clay stones 169; rock white limestone 198. Water at 198.
Con II	" 13	R. Barnett	"	Aug. 18, 1966	5 1/2	15	75	50	"	D	Brown clay 15; blue clay 36; gravel 37; blue clay 65; gravel 68; blue clay stones 170; white limestone 198. Water at 198.
Con II	" 13	W. Pearson	K. McLeod & Sons	Aug. 15, 1966	5	6	100	97	"	D	Brown clay 15; blue clay 110; sand gravel 120; hardpan stones 220; limestone 225. Water at 225.
Con II	" 14	Empey Bros.	"	Aug. 26, 1966	5 1/2	5	68	60	"	D, S	Brown clay 18; blue clay 79; gravel 80. Water at 80.
Con II	" 14	P. Quinn	"	Nov. 9, 1967	5 1/2	6	90	80	"	D, S	Brown clay 16; blue clay 103; sand gravel 105; blue clay 170; hardpan stones 21; limestone 222. Water at 222.
Con II	" 19	K. Quinn	"	May 26, 1967	5 1/2	6	90	78	"	D, S	Brown clay 8; blue clay 100; hardpan stones 180; sand gravel 185; white hardpan 206; limestone 212. Water at 212.
Con II	" 22	J. Loveridge	"	Nov. 5, 1964	4 1/2	6	42	30	"	D	Dark loam 4; blue clay 50; hardpan 58; gravel 59. Water at 59.
Con III	" 7	R. Vincent	E. Hussey	Jan. 23, 1964	4	7	18	11	"	D, S	Yellow clay large stones 17; fine grey sand 18; sand gravel 22; mild gravelly hardpan sandy streaks 75; fine gravel 79. Water from 66 to 69 and from 75 to 79.
Con III	" 10	L. Barrett	K. McLeod & Sons	Apr. 19, 1967	5 1/2	5	78	55	"	D, S	Brown clay 20; blue clay 65; sand gravel 102. Water at 102.
Con III	" 16	R. Mitchell	Hedco Well Digging Ltd.	Aug. 26, 1966	5 1/2	10	130	46	"	D, S	Topsoil 3; brown clay 13; blue clay 35; fine sand 66; blue clay stones 135; limestone layers 137; sand 169; gravel 172. Water at 172.
Con III	" 16	"	"	July 5, 1967	5	25	45	10	"	D	Topsoil 1; brown clay 17; blue sandy clay 50; blue clay 70; blue clay stones 140; blue clay hardpan 155; hardpan 185; brown rock 200. Water at 200.
Con III	" 17	J. Hutchison	Warren Water Wells	Jan. 16, 1964	5	5	95	21	"	D, S	Yellow sand 40; fine sand 44; clay 86; grey putty sand 98; gravel 105; sand 110; fine gravel 117. Water from 40 to 44, 105 to 110 and 110 to 117.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
OXFORD COUNTY - cont. Derham Twp. - cont.									
Con IV lot 1	O.Chambers	Cole Water Wells	Jan. 3, 1964	5	8	30	16	D,S	Black loam 3; red clay 20; red sand 60; sand gravel 72. Water from 60 to 72.
Con IV "	L.Jones	Warren Water Wells	Oct. 5, 1966	5	10	63	57	D	Yellow clay clay stones 18; grey clay pebbles 47; pit gravel 72; sand 81. Water at 81.
Con IV "	Burford	K.McLeod & Sons	Apr. 20, 1965	5 1/4	7	20	10	C	Gravel brown clay 15; blue clay 35; hardpan 85; blue clay 105; hardpan stones 141; soft limestone 150. Water at 150.
Con IV "	Fertilizer Ltd. C.Sackrider	Warren Water Wells	May 20, 1965	5	6	40	27	D,S	Topsoil 21; yellow clay 28; grey clay stones 98; fine gravel 103. Water at 103.
Con IV "	R.Smith	E.Stewart	Jan. 8, 1964	5	20	55	55	D,S	Clay gravel mixture 190; light colour limestone 218; dark lime-stone 221. Water at 220.
Con IV "	H.Allison	Hadoo Well Drig. & Digging	Oct. 15, 1965	5 1/4	20	150	55	S	Clay 70; sandy clay 80; clay 155; sandy clay 169; clay 198; sand gravel 187; hard grey rock 275; hard brown rock 295; white rock 305. Water at 187 and 295.
Con V "	C.Scott	Cole Water Wells	Sep. 10, 1966	5	5	45	12	Fresh S	Black loam 1; yellow clay 20; dirty gravel sand clay 56; coarse sand 70. Water from 56 to 70.
Con V "	C.Prouse	Warren Water Wells	Feb. 18, 1964	5	7	45	30	D,S	Topsoil 21; clay stones 65; fine sand 70. Water at 70.
Con V "	M.McLennan	"	Sep. 23, 1967	5	3 1/2	164	144	D	Yellow clay 18; grey clay 136; grey clay stones 204; gravel. Water at 204.
Con V "	R.Harris	"	Jan. 23, 1964	5	5	52	35	D,S	Yellow clay 32; pit gravel 65; gravel 68. Water from 65 to 68.
Con V "	H.Miller	K.McLeod & Sons	Oct. 16, 1965	5	5	75	10	D,S	Brown clay 8; quicksand 35; blue clay 70; hardpan 99; gravel 100. Water at 100.
Con VI "	E.Palen	W.Burwell	Aug. 26, 1967	5	10	30	12	D,S	Brown clay 20; blue clay 50; sandy clay 97; gravel 100; grey sand clay 110; gravel 112; sandy clay 150; rock 155; sandy streak 156; brown limestone 161. Water at 161.
Con VI "	B.Lovell	Cole Water Wells	July 5, 1966	5	6	28	28	Fresh S	Open hole 6; yellow sand 35; dirty gravel clay 63; coarse gravel 66. Water from 63 to 66.
Con VI "	N.Paton	"	Mar. 16, 1967	5	5	65	1	S	Black loam 1; grey clay 15; sand 22; dirty gravel clay 97; sand 103. Water from 97 to 103.
Con VII "	E.Kunkel	K.McLeod & Sons	Sep. 8, 1965	5 1/4	3	40	22	D	Brown clay 15; blue clay 40; sand gravel 41. Water at 41.
Con VII "	W.Jeffery	Warren Water Wells	Oct. 16, 1965	5	10	22	12	D	Yellow clay 14; clay stones 35; sand 39. Water at 39.
Con VII "	W.Lesman	Cole Water Wells	Mar. 17, 1964	5	6	50	12	S	Black loam 1; yellow sand 3; clay stones streaks sand 43; dirty gravel clay 77; gravel 80. Water from 77 to 80.
Con VII "	B.Grundy	Warren Water Wells	Aug. 12, 1966	5	5	40	21	D	Yellow clay 23; grey clay 46; grey clay pebbles 59; fine gravel 62; clay. Water at 62.
Con VII "	A.Rockx	E.Mitchell	Jan. 15, 1964	5	4	20	17	D,S	Clay 35; sand 54; gravel 58. Water at 57.
Con VIII "	R.McKenney	Cole Water Wells	July 28, 1966	5	4	100	40	D	Black loam 1; yellow clay 15; grey clay soft dirty gravel clay 85; clay stone 115; dirty gravel clay 150; fine gravel 158; gravel 164. Water from 158 to 164.
Con VIII "	A.Langhor	"	Apr. 30, 1965	5	6	85	55	D	Black loam 2; yellow clay stones 14; grey clay 64; yellow sand 72; gravel sand 105; gravel 113. Water from 105 to 113.
Con VIII "	J.Wagner	"	Feb. 28, 1966	5	5	100	50	S	Black loam 1; yellow clay 15; grey clay stones 135; putty sand 155; grey clay 156; rock 197. Water at 196.
Con VIII "	H.Morgan	Warren Water Wells	Sep. 6, 1965	5	8	65	41	Fresh	Topsoil 3; grey clay 76; sand 80. Water at 80.
Con VIII "	T.Slackley	"	Oct. 27, 1965	5	10	68	22	D,S	Yellow sand 6; grey clay 71; fine gravel 76. Water at 76.
Con VIII "	J.Morbec	"	Dec. 2, 1967	5	5	73	52	D	Clay stones 18; grey clay 46; grey clay stones 86; sand 93. Water at 93.
Con VIII "	C.Franklin	W.Burwell	Aug. 23, 1965	1 1/4	8	19	17	D,S	Red sand 15; sand 25. Water at 15.



OXFORD COUNTY - cont.

Derham Twp. - Con VIII	lot 19	C. Franklin	June 28, 1966	2	12	6	Fresh	S	Blue clay 15; stones 17; coarse gravel 24. Water at 17.
Con VIII	20	Warren Water Wells	Oct. 9, 1965	5	10	58	"	D, S	Sand stones 26; clay stones 70; gravel 71. Water at 71.
Con VIII	24	E. Hoover & Sons	Nov. 3, 1965	5	5	36	"	"	Topsoil 3; clay stones 15; muddy gravel sand 30; blue clay 41; putty sand 64; sand gravel 66. Water at 64.
Con IX	3	Warren Water Wells	Aug. 26, 1967	5	5	58	"	D	Yellow clay sand stones 19; grey clay 45; clay stones 47; grey clay 86; dirty pit gravel 108; gravel 109. Water at 109.
Con IX	7	Gole Water Wells	Aug. 29, 1964	5	5	95	"	D	Yellow clay 5; grey clay stones 125; grey clay stones streaks sand 158; gravel 161. Water from 159 to 161.
Con IX	7	International Water Supply	Oct. 6, 1966	1 1/2	61	61	"	T	Topsoil 1; clay gravel 9; clay 46; clay coarse sand 68; gravel clay 87; sandy clay gravel 132; gravel sand hard packed 141; cemented clay gravel sand 195; gravel sand 87 and 141.
Con IX	15	Cole Water Wells	June 12, 1964	5	4	156	100	D	Clay loam 2; yellow clay 15; grey clay stones 152; dirty gravel streaks sand 178; sand fine gravel 183. Water from 178 to 183.
Con IX	15	E. Allen	Sep. 30, 1965	5	4	160	95	D, S	Clay loam 2; yellow clay 18; grey clay stones 160; dirty gravel 168; sand gravel 175. Water from 168 to 175.
Con IX	22	R. Palmer	Nov. 29, 1965	5	3	50	30	D	Black loam 1; yellow clay 14; grey clay stones 50; dirty gravel 57; fine gravel stones 60. Water from 57 to 60.
Con IX	22	R. Hornsby	Oct. 28, 1966	5	5	65	40	D	Open hole 36; dirty gravel clay 65; fine coarse gravel 74. Water from 60 to 74.
Con IX	22	P. Vermeeren	Nov. 1, 1966	5	10	50	22	D	Black soil 1; grey clay pebbles 52; grey sand 56. Water at 56.
Con IX	23	E. James	Jan. 16, 1964	1 1/2	8	22	"	D, S	Open well 20; coarse gravel 30. Water at 22.
Con X	1	A. Lambert	Mar. 30, 1964	5	7	65	60	D	Red clay 20; blue clay 92; gravel 122; blue clay 140; rock 141. Water at 141.
Con X	1	J. Lawrence	Aug. 15, 1967	5	5	100	50	D	Black loam 1; yellow sand 45; putty sand 55; grey clay 85; dirty gravel 103; red sand 11; fine coarse sand 123. Water from 115 to 123.
Con X	2	H. Avey	June 19, 1964	5	5	80	50	D	Black loam 2; yellow clay 12; grey clay stones 119; gravel sand 125. Water from 119 to 125.
Con X	4	J. Koteles	Aug. 27, 1966	5	4	49	25	D	Sand 9; grey clay 43; grey clay pebbles 48; fine sand 51. Water at 51.
Con X	5	R. Fulkerson	Aug. 12, 1964	5	6	50	26	D, S	Yellow clay 12; grey clay stones 61; fine sand 66; clay stones 81; coarse sand 94. Water at 66 and 94.
Con X	8	Tillsonburg PUC	Sep. 26, 1966	2	61	61	"	T	Clay 3; clay hard streaks 73; cemented clay gravel 75; fine gravel 99; cemented gravel 100; gravel sand 108. Water at 99.
Con X	8	"	Oct. 13, 1966	1 1/2	62	62	"	T	Topsoil 1; sandy clay 11; sandy clay gravel 29; clay 72; gravel clay 77; gravel sand 119; gravel clay 129; clay gravel 203; rock. Water at 119.
Con X	9	"	Oct. 25, 1966	7	180	66	Fresh	T	Topsoil 1; sandy clay 10; sandy clay gravel stones 55; sort clay sand 55; sandy hard clay 75; gravel sand 120. Water at 120.
Con X	9	"	Sep. 19, 1966	1-66	1-66	1-66	"	T	Clay 1; hard sandy clay 25; tough clay 74; sort sticky clay 110; hard sandy clay gravel 126; cemented clay gravel 138; hard clay gravel 170; sorter clay hard streaks 193; hard clay 242.
Con X	10	"	Sep. 30, 1966	3-66	3-66	3-66	"	T	Clay gravel 31; clay 32; sandy clay 97; clay gravel 143; sandy clay gravel 239; rock. Water at 239.
Con X	15	N. Bee	Aug. 12, 1967	5	2	Flow	Flows	D	Clay 2; sand 25; blue clay 50; gravel 53; blue clay 93; gravel 100. Water at 100.
Con XI	2	J. Weaver & Son	Nov. 16, 1964	2	8	30	"	D	Open well 26; coarse gravel fill 35; quicksand 41. Water at 30.
Con XI	7	Warren Water Wells	June 22, 1964	5	1	53	35	D	Yellow sand 5; grey clay 41; clay stones 48; sand 49; clay stones 55. Water at 49.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOGS AND REMARKS* (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. Dereham Twp. - cont. Con XI lot 8	R.Sanders	J.Weaver & Son	Feb. 6, 1964	1½	8	28	28	Fresh	D	Topsoil 1; brown stony clay 7; yellow sand 15; white sand 28; white quicksand 34; blue quicksand 40. Water at 28.
Con XI " 12	J.Hilchey	"	Feb. 15, 1964	1½	3	21	21	"	C	Open well 17; sand 21; brown quicksand 23; brown clay 24; brown sand 27. Water at 21.
Con XI " 16	W.Jensen	Cole Water Wells	Aug. 27, 1966	5	5	70	7	"	D	Yellow clay stones 8; grey clay stones boulders 100; fine sand gravel 104; coarse gravel 114. Water from 104 to 114.
Con XI " 28	M.Bears	C.Norman	Dec. 17, 1964	4			Flows	"	S	Hard stony clay 30; putty sand 40; hard red clay 67; gravel. Water at 67.
Con XII " 7	B.Hickey	W.Burwell	July 13, 1964	2	1	25	25	"	D	Grey clay 35; fine sand 43. Water at 35.
Con XII " 7	C.Chapman	Warren Water Wells	Apr. 7, 1965	4	3	34	15	"	D	Yellow sand 27; fine sand 34. Water at 34.
Con XII " 8	R.Luybaert	Cole Water Wells	Nov. 23, 1965	4	10	25	10	"	D	Yellow sand 25; sand 37. Water at 37.
Con XII " 10	Lowrie Farms	"	June 11, 1966	5	5	70	58	"	D	Black clay loam 1; yellow clay 15; grey clay stones 32; dirty gravel 76; gravel 81. Water from 76 to 81.
Con XII " 11	T.Smith	"	May 6, 1967	5	5	68	45	"	D, S	Black loam 2; yellow clay 7; grey clay 27; red black white sand 70. Water from 58 to 70.
Con XII " 26	G.Berdan	"	Oct. 25, 1967	5	5	40	8	"	D, S	Topsoil 1; yellow clay 20; grey clay stones 104; dirty gravel 138; mixed gravel 142. Water from 138 to 142.
East Missouri Twp. Con VIII lot 1	O.Powers	Hadco Well Drllg. & Digging	July 13, 1965	5½	1	140	26	Fresh	D	Clay 5; gravel 90; broken rock 92; grey rock 125; brown rock 130; grey rock 168. Water from 159 to 168.
Con VIII " 6	H.Mason	"	Mar. 20, 1967	5	10	35	20	"	D	Brown clay 20; blue clay stones 35; blue clay sand 50; blue clay 65; hardpan 85; gravel 97. Water at 85.
Con VIII " 6	H.Dewey	M.Jones	Aug. 5, 1967	5	25	20	8	"	D	Clay 29; sandy clay stones 70; gravel 71; sandy clay 102; brown limestone 105. Water from 104 to 105.
Con VIII " 7	D.& E. Stewart	K.McLeod & Sons	Dec. 17, 1965	5½	16	75	72	"	D, S	Brown clay 25; blue clay 58; hardpan 78; sand 85; hardpan stones 135; grey gravel 155; limestone 182. Water at 182.
Con VIII " 8	G.Trimble	Hadco Well Digging Ltd.	Mar. 21, 1967	4	8	60	40	"	D	Brown clay 10; blue clay 20; blue clay stones 80; hardpan 110; brown limestone 125. Water at 110, 115 and 122.
Con VIII " 11	G.Luyben	M.Jones	Jan. 26, 1965	5	10	100	20	"	D, S	Sandy clay 8; fine sand 10; blue clay stones 35; fine sand 36; blue clay 45; fine sand 54; sandy blue clay 93; coarse sand 104; limestone 125. Water from 105 to 125.
Con VIII " 12	Skite H.	"	Sep. 5, 1967	6½	20	55	44	"	F	Sandy clay 18; stones blue clay 49; sandy blue clay 146; coarse sand 147. Water at 147.
Con VIII " 12	"	"	Aug. 15, 1967	6½	20	50	30	"	N	Sandy clay 26; blue clay 38; sandy clay stones 135; shale clay 145. Water at 145.
Con VIII " 25	N.Coblentz	"	Aug. 27, 1964	4	20	80	55	"	D, S	Soft yellow clay 10; sandy hardpan 23; sand gravel 27; fine sand clay 60; hard blue clay 100; sandy gravel 123; light brown limestone 125. Water at 124.
Con IX " 1	C.Day	K.McLeod & Sons	Jan. 11, 1966	5½	6	80	68	"	D, S	Gravel stones 20; hardpan stones 91; white limestone 102. Water at 102.
Con IX " 2	Dr.R.Kosmal	"	Aug. 11, 1964	4½	6	40	38	"	D	Brown clay 10; blue clay 40; hardpan stones 79; limestone 92. Water at 92.
Con IX " 2	C.Loreylorenzen	H.Hudson	Aug. 23, 1966	36	1	15	5	"	D	Brown clay 4; gravel 10; hard blue clay 17. Water at 5.
Con IX " 4	H.Cole	K.McLeod & Sons	Sep. 9, 1965	4	7	45	45	"	D, S	Brown clay 15; blue clay stones 80; white hardpan 86; limestone 99. Water at 99.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depicts to which formations tested below the surface are given in feet)
OXFORD COUNTY - cont.										
East Niesouri Twp. 1 lot 1	Con I A. Armour	M. Jones	Oct. 30, 1965	5	10	78	66	Fresh	D	Hard clay 69; fine sand 72; sand hard clay 79; fine sand 93; limestone 127. Water at 127.
Con XII	" 2 A. Matheson	K. McLeod & Sons	Aug. 5, 1964	5 1/2	7	46	28	"	D, S	Brown clay 5; blue clay 30; gravelly hardpan 60; hardpan 96; white hardpan 99; limestone 112. Water at 112.
Con XII	" 4 A. Hossek	"	Feb. 5, 1964	5 1/2	6	30	15	"	D, S	Sand gravel 20; hardpan stones 63; limestone 75. Water from 68 to 74.
Con XII	" 6 W. Gee	"	May 20, 1965	4	5	50	35	"	D	Brown clay 15; sand gravel 40; hardpan stones 59; limestone 71. Water at 71.
Con XII	" 11 H. Thornton	M. Jones	Feb. 28, 1967	5	20	45	10	"	D, S	Clay 20; stones clay 27; blue clay 59; stony clay 97; limestone 99. Water at 98.
Con XII	" 24 G. Taylor	K. McLeod & Sons	Sep. 1, 1964	5	7	85	80	"	D, S	Brown clay 25; sand coarse sand 90; hardpan stones 165; white hardpan 173; limestone 179. Water at 178.
Con XII	" 30 R. Feder	B. Hudson	Sep. 14, 1965	3 1/2	10	35	30	"	D, S	Brown clay 20; silty blue clay 30; fine sand 41. Water at 40.
Con XII	" 32 C. Mossey	W. Ropper & Sons	Sep. 2, 1966	4	8	105	100	"	D, S	Topsoil 1; yellow clay 12; blue clay 90; hardpan 149; loose rock 153; brown limestone 210. Water from 200 to 210.
Con XIII	" 5 C. Sutherland	K. McLeod & Sons	Sep. 15, 1967	5 1/2	5	85	75	"	D, S	Sand 15; brown clay 30; blue clay 40; hardpan stones 112; limestone 148. Water from 138 to 148.
Con XIII	" 15 C. Cucksey	"	Oct. 20, 1967	5	5	25	3	"	D, S	Brown clay 4; quicksand 50; sand gravel 75; hardpan stones 135; limestone 147. Water at 147.
Con XIII	" 30 I. Kittner	B. Hudson	Sep. 13, 1965	3 1/2	2	35	22	"	D	Brown clay 18; fine sand 39. Water at 22.
Con XIV	" 1 J. Hutchison	K. McLeod & Sons	Jan. 22, 1964	4 1/2	8	45	32	"	D, S	Brown clay 25; hardpan 60; blue clay 100; white hardpan 110; limestone 140. Water at 140.
Con XIV	" 11 W. Haggerty	"	Oct. 13, 1965	4 1/2	6	48	28	"	D, S	Brown clay stones 20; blue clay 80; hardpan 105; dirty gravel 113 rock 118. Water at 118.
Con XIV	" 22 J. Baker	"	Jan. 11, 1965	4 1/2	6	95	90	"	D, S	Brown clay 50; sand 14; stony hardpan 240; gravel 243. Water at 240.
East Oxford Twp.										
Con I lot 1	Con I P. Farrington	H. Johnson	Apr. 15, 1967	3 1/2	10	35	15	Fresh	D	Brown sand 15; hardpan stone 46; sand layer. Water at 46.
Con I	" 2 A. & J. Donna	National Pump & Water Supply	Sep. 2, 1964	4 1/2	7	32	30	"	D, S	Sandy topsoil 3; sandy clay 37; grey sand, clay 60; grey hardpan 95; quicksand 104; hardpan 110; quicksand 112; limestone 117. Water at 112.
Con I	" 3 B. Toes	"	Oct. 3, 1964	4	3	40	29	"	D	Brown clay 20; grey clay 60; grey hardpan boulders 96; coarse sand 104. Water at 96.
Con I	" 5 H. Stewart	W. Baird	Jan. 14, 1967	5	10	43	37	"	D	Brown clay 42; silty sand 73; grey clay 91; gravelly hardpan 102 grey shale 103; grey limestone 114. Water at 115.
Con I	" 7 E. Barker	N. Steinman	Aug. 28, 1967	4	15	36	14	"	D	Brown clay 17; sand 23; grey clay 59; sand 97; grey clay 112; shale limestone 121; grey clay 122; brown limestone 126; blue limestone 140; brown limestone 142. Water at 140.
Con I	" 10 W. Case	National Pump & Water Supply	Nov. 25, 1967	5	10	55	40	"	D, S	Grey clay stones 30; blue clay 54; hardpan small stones 94; silt 104; shale 111. Water at 111.
Con I	" 12 D. Beattie	Hadco Well Digging Ltd.	Nov. 8, 1965	5 1/2	6	110	35	"	D	Clay 2; clay rock 75; shale 98; soft shale 99; grey rock 123; brown rock 129; grey rock 148; white rock 152. Water from 123 to 219 and from 148 to 152.
Con I	" 12 G. Beattie	"	Feb. 3, 1964	30	1	36	25	"	D	Clay 2; sand 29; clay 34; clay gravel 37; hardpan 38. Water at 25.



## OXFORD COUNTY - cont.

East Oxford Twp. - cont. Con I	lot 15 G.Hipperson	National Pump & Water Supply	Nov. 20, 1964	4	4	50	20	Fresh	D	Brown clay 4; grey stony clay 26; gravelly clay 40; blue clay 65; hardpan boulders 90; coarse sand 102. Water at 32 and 90.
Con II	" 1 H. Scholtz	"	Mar. 4, 1964	4	7	28	25	"	D, S	Black topsoil 3; blue clay 43; sandy grey clay 85; hardpan 117; fine sand 119; coarse gravel 121. Water at 85 and 119.
Con II	" 3 M. Moritz	"	Sep. 30, 1966	4	8	55	30	"	D	Dug well 28; grey clay 56; fine sand 69; hardpan stones 100; coarse sand 110; blue clay 128; gravel 130. Water at 110.
Con II	" 6 J. Shell	K. McLeod & Sons	Oct. 20, 1964	4 1/2	6	50	42	"	D, S	Dark loam 5; blue clay 90; hardpan stones 128; limestone 164. Water at 164.
Con II	" 6 A. Wosley	National Pump & Water Supply	July 15, 1967	4	8	50	32	"	D	clay grey stones 37; sand 46; hardpan 65; grey clay 83; sand 92; gravel 93. Water at 37 and from 92 to 93.
Con II	" 7 C. Payne	"	Jan. 2, 1967	4	14	15	8	"	D, S	Topsoil 1; grey clay stones 46; hardpan 59; silt 69; hardpan 82; blue clay 90; limestone 119. Water at 119.
Con II	" 11 F. Crawford	K. McLeod & Sons	Mar. 10, 1964	4 1/2	5	90	70	"	D	Brown clay 20; blue clay 90; hardpan stones 135; limestone 137. Water at 137.
Con II	" 15 T. Hanson	W. Baird	Oct. 4, 1966	4	10	44	18	"	C	Brown clay 33; grey gritty hardpan 87; sand 91. Water at 90.
Con II	" 19 Woodstock PUC	International Water Supply Co.	Sep. 30, 1964	5					T	Topsoil 1; clay gravel sand 4; sand gravel 10; soft grey clay 11; streaks sand gravel 26; brown clay gravel boulders 45; rock 51.
Con II	" 20 "	"	Oct. 2, 1964	5					T	Topsoil 1; clay sand gravel 3; sand gravel 9; soft grey clay 2-64; streaks gravel 19; clay gravel boulders 48; rock 49.
Con III	" 1 J. Siemievnek	H. Wood	Oct. 26, 1965	5	15	19	17	Fresh	S	Brown clay 7; grey clay stones 102; quicksand 122; hard blue clay 129; limestone 135. Water at 134.
Con III	" 2 G. Leake	National Pump & Water Supply	Sep. 15, 1966	4	7 1/2	30	28	"	D	Topsoil 4; clay 40; fine sand 63; hardpan stones 80; silt 98; coarse sand 119; coarse gravel 121. Water at 98 and 121.
Con III	" 10 G. Buchanan	W. Baird	June 2, 1967	5	35	18	8	"	D, S	Brown clay 34; grey clay 66; dark grey shale 67; dark grey limestone 75. Water at 74.
Con III	" 11 S. Lawrence	"	May 30, 1967	5	10	67	29	"	D, S	Brown clay 12; sandy brown clay 85; sandy gravel 86; grey gritty hardpan 110; brown limestone 131. Water at 130.
Con III	" 12 E. Hird	Steinman & Baird	Apr. 6, 1965	4	12	64	17	Sulphur	D, S	Brown clay 15; grey clay 69; silty sand 73; gravelly hardpan 90; limestone brown flint 123; brown limestone 137. Water at 95 and 137.
Con III	" 14 Mrs. Durling	H. Wood	Oct. 24, 1964	5	8	1	0	Fresh	D	Clay 22; clean coarse gravel 28. Water at 22.
Con III	" 16 Woodstock PUC	International Water Supply Ltd.	Oct. 14, 1964	5					T	Topsoil 2; clay sand gravel 4; sand gravel 10; clay gravel 36; soft silty clay sand 56; clay gravel 60; rock hard cemented boulders 62.
Con III	" 16 "	"	Oct. 8, 1964	2				Flows	T	Topsoil 1; black muck 3; sticky clay 18; gravel sand 22; gravel sand 34; gravel sand clay 41; clay gravel 44; packed clay gravel boulders 66; rock hard cemented boulders 67. Water from 22 to 41.
Con III	" 16 "	"	Oct. 15, 1964	5					T	Topsoil 1; clay gravel sand boulder 11; silty clay gravel 16; clay gravel sand 24; clay gravel 32; gravel clay 36; clay gravel 47; cemented clay broken gravel 54. Water at 36.
Con III	" 18 Oxford Sand & Gravel Ltd.	W. Baird	Oct. 12, 1966	5	7 1/2	45	3	Fresh	D	Sticky gravel 6; gritty clay 19; gravel 22; fine dirty sand 80; shale 81; brown limestone 96. Water from 91 to 95.
Con III	" 19 J. Tucker	K. McLeod & Sons	Sep. 28, 1965	4 1/2	6	13	10	"	D	Blue clay 40; sand 60; gravel 62. Water at 62.
Con III	" 19 E. Meekay	Steinman & Baird	Dec. 10, 1964	4	18	65	55	"	D	Silty clay 76; sandy gravel 80. Water from 78 to 80.
Con III	" 19 Dr. A. Clock	C. Kent Water Drlg	Dec. 18, 1964	5	5	74	6	"	F	Brown loam 2; yellow sand 10; yellow sand stones 21; cemented gravel 46; loose sand 48; cemented gravel 70; loose sand 71; brown limestone 77. Water at 77.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
(Depth to which formations extend below the surface are given in feet)										
OXFORD COUNTY - cont.										
East Oxford Twp. - cont.										
Con III lot 19	J. Pyne	Steinman & Baird	Jan. 8, 1965	5	20	55	25	Fresh	D	Brown gravelly clay stones 35; grey clay 55; grey silty clay 70; gravelly hardpan 102; silty gravel broken limestone 105; brown grey limestone 110; dark grey limestone 168. Water at 167.
Con III	J. Kirby	K. McLeod & Sons	Mar. 17, 1966	4½	6	20	8	"	D	Brown clay 10; sand gravel 25; red clay 38; fine gravel 39; gravel 40. Water at 40.
Con III	G. Bragg	"	July 27, 1967	4½	5	25	20	"	D	Brown clay stones 30; gravel 40. Water at 40.
Con III	H. Kingenberg	"	July 24, 1967	4½	5	23	18	"	D	Brown clay 15; dirty gravel stones 35; gravel 36. Water at 36.
Con IV	S. Wallace	National Pump & Water Supply	Mar. 30, 1964	4½	15	50	40	"	D, S	Brown clay 32; grey clay 56; blue clay 72; hardpan boulders 96; quicksand 102; limestone 114. Water at 103.
Con IV	C. MacDowell	"	Apr. 15, 1967	4	7	15	5	"	D	Sand 5; brown clay 48; sand 52; clay sharp stones 94; gravel 97. Water at 97.
Con IV	J. Wallace	Hadco Well Digging Ltd.	Aug. 25, 1965	5	5	110	13	"	D	Boulders clay 62; sand clay 98; sand gravel 100; grey bedrock 125. Water from 123 to 125.
Con IV	E. Oxford Catholic School	K. McLeod & Sons	Dec. 2, 1965	5½	8	50	24	"	F	Brown clay 15; blue clay 70; hardpan stones 102; grey bedrock 106. Water at 106.
Con IV	E. Dittmar	National Pump & Water Supply	Apr. 24, 1967	4	7	40	30	"	D	Clay fill 11; grey clay stones 40; blue clay 55; sand 68; hardpan 82; blue clay 98; quicksand 102; grey bedrock 115. Water at 115.
Con IV	Twp. E. Oxford	Steinman & Baird	June 19, 1965	5	15	75	37	"	C	Brown clay 18; grey gritty clay 78; gritty hardpan 115; stony gravelly hardpan 119; stony sandy gravel silt 122; silty clay 127; brown clay 143; brown grey limestone 145. Water at 144.
Con IV	E. Harvey	C. Kent Water Well Drilling	Nov. 26, 1964	5	7	75	33	Sulphur	D	Loam 2; yellow stony hardpan 50; putty sand 92; cemented gravel sand 129; grey limestone 138. Water at 138.
Con IV	J. McDowell	W. Baird	Oct. 31, 1966	5	6	88	38	"	D	Brown clay 16; grey clay 54; gritty hardpan 63; silty sand 112; gritty hardpan 154; brown shale 135; brown limestone 165. Water at 164.
Con IV	Woodstock PUC	International Water Supply Ltd.	Oct. 26, 1964	2	40	7½	6	Fresh	T	Topsoil 1; sand clay 3; sand gravel clay 5; clay gravel 15; clay gravel 43; gravel clay 48; clay gravel 58; sand gravel clay 86; rock. Water from 48 to 86.
Con IV	"	"	Oct. 25, 1964	2				"	T	Topsoil 1; sand clay 3; sand gravel 5; clay gravel 43; gravel sand clay 53; gravel sand 85; rock.
Con IV	"	"	Oct. 22, 1964	2				"	T	Topsoil 1; clay gravel sand 4; clay gravel 15; sand gravel clay 22; coarse gravel sand boulders clay 36; boulder 39; cemented clay gravel 66; sand gravel 80; sand gravel clay 91; rock 93. Water at 80 and 91.
Con IV	C. Shelton	N. Steinman	Dec. 20, 1966	4	12	25	18	"	D	Brown clay 31; grey clay 39; dirty gravel 43; stony hardpan 95; brown limestone slab 98. Water at 98.
Con V	P. Dentand	National Pump & Water Supply	Mar. 3, 1964	4	8	17	15	"	D, S	Brown clay 25; grey clay 40; hardpan 70; quicksand 75; limestone 92. Water at 75.
Con V	M. Armstrong	K. McLeod & Sons	July 20, 1964	5½	6	40	35	"	D, S	Brown clay 30; hardpan stones 56; gravel 60. Water at 59.
Con V	D. Start	"	Aug. 5, 1964	5½	6	65	65	"	D, S	Clay 30; gravel 11; blue clay stones 87; sand 90; hardpan 104; gravel 107. Water at 107.
Con V	D. Wood	Hadco Well Digging Ltd.	Mar. 18, 1966	5	75	45	1½	"	D	Sand 10; clay boulders 35; sand 36; clay boulders 50; sand gravel 68. Water from 60 to 68.
Con V	R. Harmer	K. McLeod & Sons	July 13, 1964	4½	6	40	6	"	D	Brown clay 6; hardpan stones 67; gravel 68. Water at 68.
Con V	L. Chalmers	Warren Water Wells	Sep. 11, 1964	5	5	39	2	"	D	Clay stones 2; pit gravel boulders 35; coarse sand 39. Water at 39.

OXFORD COUNTY - cont.  
East Oxford Twp. - cont.

Con V	lot	18	M.Hart	Steinman & Baird	Oct. 12, 1965	4	20	25	18	Fresh	D	Topsoil 8; story hardpan 25; gravelly clay 51; gravelly hardpan 100; grey clay 122; broken limestone shale 135; brown limestone 139; water at 138.
Con V	"	18	"	National Pump & Water Supply	Aug. 30, 1965	4				Salty	N	Brown clay 30; grey clay boulders 58; silt boulders 82. Water at 76.
Con V	"	19	S. Slager	Steinman & Baird	Aug. 31, 1964	4	15	25	13	Fresh	D	Sandy topsoil 6; loose sandy gravel 15; grey gravelly clay 45; grey gravelly hardpan boulders 90; grey silty clay 125; gravelly hardpan 131; brown grey limestone 137. Water at 36.
Con V	"	19	A. Bosch	Warren Water Wells	Sep. 21, 1964	5	5	25	Flows	"	D	Yellow clay 4; gravel boulders 22; clay stones 35; fine gravel 36. Water at 86.
Con V	"	20	C. Edwards	K. McLeod & Sons	Oct. 21, 1966	4 1/2			"	"	D, S	Previously drilled 109; fine sand 120; gravel 122. Water at 120.
Con VI	"	4	P. Ficht	Hedco Well Digging Ltd.	Aug. 24, 1965	5	8	105	15	"	D	Boulders clay 65; sand 70; sand gravel 74; boulders clay 82; sand 92; grey rock 117. Water from 115 to 117.
Con VI	"	4	"	"	Aug. 12, 1965					"	"	topsoil 1; brown clay 8; blue sandy clay 18; grey sand 20; rocks clay. Dry hole.
Con VI	"	14	R. Abby	K. McLeod & Sons	Nov. 30, 1967	5 1/2	5	80	68	Fresh	D, S	Brown clay 40; hardpan 80; sand gravel 98. Water at 98.
Con VI	"	15	"	"	July 23, 1964	5 1/2	26	26	23	"	D, S	Brown clay 35; sand 45; clay 56; gravel 58. Water at 58.
Con VI	"	19	K. Talbot	Hedco Well Drlg. & Digging Ltd.	July 14, 1967	30	3	28	13	"	D	Topsoil 1; brown clay 12; sand 16; blue sandy clay 21; sand 23; blue clay 30. Water at 13.
Con VI	"	20	T. Vanyk	K. McLeod & Sons	Sep. 23, 1965	4 1/2	6	8	5	"	D, S	Brown clay 30; blue clay 90; hardpan stones 118; gravel 120; hardpan 133; limestone 136. Water at 136.
Con VII	"	2	D. Vandeyl	H. Wood	Mar. 4, 1964	5	6	19	19	"	S	Yellow sand 4; blue clay 20; clay boulders 60; dirty gravel 65; hardpan 67; grey rock 69. Water at 69.
Con VII	"	6	F. Slack	E. Hoover	Jan. 18, 1964	5	3	10	7	"	D, S	Clay 10; clay boulders 40; clay stones 80; grey rock 82. Water at 82.
Con VII	"	7	F. Bongsaerts	National Pump & Water Supply	Aug. 18, 1967	4	16	10	Flows	"	D, S	Topsoil 2; clay grey stones 29; hardpan 75; gravel 76. Water at 29 and from 75 to 76.
Con VII	"	12	W. Besseltine	J. Stefan	Jan. 8, 1964	4	10	4	"	"	S	Sandy clay 50; hard clay 65; fine gravel 66. Water at 65.
Con VII	"	13	D. McIntosh	Hedco Well Drlg. & Digging Ltd.	Nov. 7, 1967	5	10	80	30	"	D	Brown clay 20; blue clay 140; hardpan 192; grey sand 197; hardpan 215; blue rock 245. Water at 245.
Con VII	"	19	B. Easton	K. McLeod & Sons	Nov. 2, 1965	4	3	87	35	"	D	Brown clay 10; blue clay 50; hardpan stones 87; sand 90; gravel 92. Water at 90 and 92.
Con VII	"	21	R. Treleaven	H. Wood	May 7, 1965	5	12	2	2	"	D, S	Clay stone 40; quicksand 110; putty sand 195; clay 184; grey rock 186. Water at 186.
Con VII	"	21	J. Allan	"	Aug. 15, 1967	5	6	142	3	"	D, S	Clay boulders 40; grey clay 120; quicksand 147; gravel 150. Water at 149.
Con VIII	"	3	O. Thompson	Cole Water Wells	Aug. 16, 1965	5	7	60	25	"	S	Clay loam 1; yellow clay 17; yellow sand 23; gravel sand streaks clay 68; gravel 75. Water from 68 to 75.
Con VIII	"	11	B. Griffin	K. McLeod & Sons	Dec. 6, 1967	5	5	15	2 1/2	"	D, S	Brown clay sand 18; gravel 20. Water at 20.
Con VIII	"	15	F. Losee	"	Feb. 28, 1966	5 1/2	6	25	20	"	D, S	Brown clay 15; blue clay 70; sand 75; gravel 77. Water at 77.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depth to which formations extend below the surface are given in feet)										
OXFORD COUNTY - cont. East Zorra Twp. Con IX lot 2	W. Magill	Steinman & Baird	Aug. 17, 1965	4	25	41	26	Fresh	D	Grey gravelly clay boulders 55; gritty clay 45; gritty silty clay 55; gravelly silty hardpan 77; clay silt 116; gravelly hardpan 159; brown grey limestone 138. Water at 137.
Con IX "	"	W. Baird	May 16, 1966	4	15	33	23	"	D	Stony gravelly grey clay 42; gritty grey clay 81; silty grey clay 84; gritty hardpan 98; sand 99; gritty blue clay 113; grey shale 115; brown limestone 120. Water at 119.
Con IX "	"	Steinman & Baird	May 7, 1964	4	10	85	46	"	D, S	Brown sandy clay 37; grey silty gravelly clay 75; grey silty stoney clay 90; grey silty gravelly clay 109; brown silty stony clay 130; brown grey limestone 133; brown limestone gypsum 136; brown grey limestone 145. Water at 145.
Con IX "	A. Hart	C. Kent Water Well Drlg.	Jan. 23, 1964	5	20	100	32	"	D, S	Gravel yellow sand 30; clay 40; sandy hardpan 75; sand 85; sandy hardpan stones 100; sand 105; sandy hardpan 138; limestone 140. Water at 140.
Con IX "	C. Bartlett	"	Feb. 5, 1964	5	15	30	8	"	D, S	Yellow clay stones 22; stones 30; sandy hardpan 40; clay stones 50; clay sand hardpan 85; gritty sand 85; sandy hardpan 95; sand 102; gravel 110. Water at 108 and 110.
Con IX "	A. Meyer	"	Feb. 12, 1964	5	10	40	6 1/2	"	D	Yellow sand 10; grey clay stones 30; clay 50; sand 63; sandy hardpan 90; sand 100; gravel 105. Water at 105.
Con IX "	C. Vanderspek	Steinman & Baird	Sep. 10, 1964	4	20	25	Flows	"	D, S	Grey stony clay 40; grey silty clay 68; grey silty hardpan 79; grey silty gravelly clay 89; silty sand 93; silty clay 159; gravelly hardpan 131; brown grey limestone 134. Water from 131 to 134.
Con IX "	P. Balkima	N. Steinman	June 30, 1966	4	20	25	22	"	D, S	Clay 12; stony hardpan 37; gritty clay 57; sandy dirty gravel 64; clay 182; brown shale 185. Water at 185.
Con IX "	J. Murray	Steinman & Baird	May 11, 1964	4	20	72	59	"	C	Brown silty sand 29; grey gravelly silty clay 85; grey gravelly silty hardpan 140; brown gravelly clay 155; grey gravelly clay 160; grey silty sandy gravel 166; gravelly clay 180; silt sand 205; gravelly hardpan 220; light brown grey limestone 224. Water at 224.
Con IX "	S. Pearson	N. Steinman	July 21, 1967	4	15	59	47	"	D, S	Brown clay 8; sandy brown clay 21; grey gritty clay 142; grey clay 193; gritty hard clay 204; layers rock gritty hard clay 219; grey brown limestone 222. Water from 120 to 122.
Con IX "	G. Schaefer	G. Wallis	Mar. 2, 1964	6 1/2	15	95	46	"	D, S	Gravelly brown sandy soil 16; heavy gravelly blue clay large stones 55; sand gravelly blue clay 175; blue clay heavy gravel small stones 188; fine running sand 199; coarse sand gravel stones 206; brown limestone 212. Water at 210.
Con X "	R. John Constr.	Hadco Well Drlg.	Aug. 30, 1967	5	8	65	45	"	D	Topsoil 11; sand gravel rock 25; blue clay 33; sand gravel 35; blue clay stones 80; hardpan 110; gravel 112. Water at 111.
Con X "	P. Cole	Steinman & Baird	Jan. 23, 1964	4	7 1/2	105	65	Sulphur	D, S	Gritty clay stones 31; gravel 32; gritty clay 105; hardpan 117; dirty gravel 124; limestone 180. Water at 180.
Con X "	F. Alexander	N. Steinman	Sep. 23, 1967	4	12	71	62	Fresh	D, S	Gritty hard clay stones 39; gritty hard clay 135; sand 139; gritty hard clay 170; slabs brown limestone 173. Water at 173.
Con X "	C. Degler	E. Hussey	Mar. 13, 1964	4	8	75	75	"	D, S	Red sand 14; yellow sand 34; boulders 36; fine grey sand 47; sandy hardpan gravel streaks 87; fine grey sand 115; boulders 116; fine grey sand 127; boulders coarse gravel 129; fine grey sand 145; sandy hardpan 198; medium gravel 199. Water at 198.

OXFORD COUNTY - cont.  
East Zorra Twp.-cont.

Con X	G. Paquette	Steinman & Baird	Mar. 14, 1964	4	15	72	65	Fresh	D, S	Clay stones 68; fine sand 82; clay 139; sand 166; sandy clay 206; sand 214; limestone 216. Water at 216.
Con X	P. Slager	Hadco Well Digging Ltd.	Jan. 4, 1966	30			24	"	D	Brown clay 3; sand 4; sandy clay 25; blue clay boulders 32; blue sand 35. Water at 35.
Con X	K. Wilker	N. Steinman	Mar. 16, 1966	5	15	50	37	"	D, S	Brown clay 9; gritty brown clay 29; hardpan 69; sand 87; sandy clay 99; clay 123; hardpan 169; grey clay 174; sandy dirty gravel 186; sand gravel 192. Water at 192.
Con XI	Ont. Hospital Farm	C. Goodberry Well Drls. Ltd.	Oct. 28, 1964	6	40	70	3	Sulphur	D, S	Topsoil 1; clay gravel 88; grey limestone 100. Water at 95.
Con XI	V. Ede	International Water Supply	Aug. 2, 1966	8			Flows	Fresh	T 1-66	Topsoil 1; clay gravel 27; coarse sand gravel boulders 46; dirty sand gravel 48; clay gravel 54; fractured limestone 69; brown limestone 107; grey limestone 166; brown limestone 189. Water at 27.
Con XI	W. Wink	Steinman & Baird	May 27, 1964	4	8	25	16	"	D	Brown sandy clay 12; silty stones grey clay 45; silty gravel 50; gravelly hardpan 60; coarse gravel 62. Water at 62.
Con XI	V. Ede	National Pump & Water Supply	Mar. 25, 1967	4			Flows	"	D	Clay stones 18; blue clay 29; sand 35; clay 49; gravel 50. Water from 49 to 50.
Con XI	H. Moore	K. McLeod & Sons	Nov. 4, 1964	4 1/2	6	30	25	"	D	Brown clay 15; blue clay 65; hardpan stones 105; limestone 131. Water at 131.
Con XI	S. Prosser	"	Mar. 14, 1966	4 1/2	6	20	18	"	D	Brown clay 20; hardpan stones 94; gravel 95. Water at 95.
Con XI	J. Grenewegen	"	Oct. 29, 1965	4 1/2	6	30	25	"	D, S	Brown clay gravel stones 30; blue clay stones 60; hardpan 80; reddish clay stones 97; brown limestone 115. Water at 115.
Con XI	B. Bourne	Hadco Well Digging Ltd.	Aug. 8, 1966	30	2	29	24	"	D	Topsoil 6; brown clay rocks 12; grey sand gravel 18; gravel 29. Water at 24.
Con XI	G. McCreery	Steinman & Baird	July 26, 1965	5	12	105	58	"	D	Brown clay 8; stony hardpan 72; grey clay 119; gritty hardpan 140; limestone slabs 143; grey brown limestone 199. Water at 152 and 199.
Con XI	E. Cross	"	Aug. 17, 1964	5	20	75	67	"	D	Stones grey clay 47; gritty grey clay 70; hardpan 97; gritty grey clay 117; gravelly hardpan 128; dirty gravel 132; sand 137; soft shale 157; grey limestone 158. Water at 158.
Con XI	V. King	"	Sep. 1, 1965	7	40	68	58	"	D	Stony brown clay 44; gritty grey clay 88; gritty hardpan 107; Grey clay 119; gritty red clay 139; grey shale 143; grey limestone 144. Water at 143.
Con XI	T. Tyson	W. Baird	May 6, 1967	7	20	66	45	"	D	Brown clay 28; grey gritty clay 106; gritty hardpan 122; dirty gravel 141; brown shale 144; brown limestone 151. Water at 150.
Con XI	A. Packer	C. Kent Water Well Drig.	Mar. 6, 1964	5	20	65	32	"	D, S	Black earth 2; yellow sand 54; grey putty sand 90; clay stones 96; gravel 99. Water at 99.
Con XI	P. Currah	Steinman & Baird	May 26, 1964	5	30	60	41	"	D	Sandy clay 20; hardpan 38; sandy gritty clay 95; gravelly hardpan 121; brown clay 128; gravelly hardpan 149; sandy clay 178; shale 186; grey limestone 193. Water at 192.
Con XI	B. McArdle	"	June 10, 1964	4	15	79	69	"	D	Sandy brown clay 22; hardpan 41; sandy clay 62; fine sand 72; sandy clay 117; grey gritty clay 164; gravelly hardpan 174; dirty sandy gravel 211; shale 219; grey limestone 224. Water at 223.
Con XI	G. Rudy	N. Steinman	July 3, 1967	5	15	52	40	"	D, S	Brown clay 14; gritty grey clay 46; dirty gritty sand clay 76; clay 92; gritty hard brown clay 115; sandy gravel 119. Water at 119.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
OXFORD COUNTY - cont. East Zorra Twp.-cont. Con XI	lot 21 J.Knudsen	N.Steinman	Aug. 8,1966	5	15	51	41	Fresh	D,S	Fill 4;brown clay 14;stony hardpan 44;clay 59;hardpan 84;gritty clay 126;clay 159;shale 182;grey limestone 168. Water from 167 to 168.
Con XI	" 24 P.Roe	Steinman & Baird	Oct.19,1964	4	8	53	17	"	D,S	Brown sandy clay 28;brown silty sand gravel 50;grey silty sand gravel 92;grey silty clay 92;grey silty hardpan 157;sandy gravel 154. Water at 153.
Con XI	" 30 G.Pletsch	G.Wallis	Oct.25,1965	6 1/2	25	60	38	"	S	Clay 120;gravelly hardpan 24;brown sand 45;sandy grey silt 50; brown gravelly blue clay 92;clay silt sand gravel 100;sandy blue clay 115;clay silt sand gravel 129;yellowish brown limestone 142 1/2. Water at 140.
Con XI	" 31 R.Brenneman	Steinman & Baird	Oct. 1,1965	5	15	34	32	"	D,S	grey clay 26;grey clay boulders 44;dirty sand gravel 48;grey clay boulders 70;hardpan gritty clay 122;dirty sand gravel 136. Water at 136.
Con XI	" 32 R.Wilker	"	May 27,1964	4	15	13	11	"	D,S	Brown clay 13;grey clay 54;fine sand 57;grey clay 91;sand gravel 95;brown clay 138;gravel 131. Water at 131.
Con XII	" 3 Ont.Water Resources Comm.	"	July20,1965	8	40	35	Flows	Sulphur	T	Loam 4;fine brown sand 28;grey clay 46;gravelly hardpan 46 1/2; gravel 47;gravelly hardpan 51;grey limestone flint 85. Water at 84.
Con XII	" 3 "	"	June11,1965	8	40	40	1 1/2	"	T	Loam 4;fine brown sand 28;grey clay 46;gravelly hardpan 46 1/2; gravel 47;coarse gravelly hardpan 51;grey limestone 64. Water from 48 1/2 to 47 and at 63.
Con XII	" 4 A.Lunn	"	May 11,1964	4	14	36	29	Fresh	D	Topsoil 6;brown gravelly hardpan 20;brown silty gravel 31; brown silty clay 55;grey silty clay 60;brown limestone grey flint 62. Water at 60.
Con XII	" 4 C.Birch	"	May 12,1964	7	45	71	44	"	D	Gravelly clay stones 51;grey clay 63;hardpan 81;shale 88; brown limestone 90. Water at 90.
Con XII	" 4 C.Anderson	K.McLeod & Sons	Mar.26,1964	4 1/2	6	50	40	"	D	Dirty gravel stones 20;hardpan 50;blue clay stones 89;limestone 94. Water at 94.
Con XII	" 4 G.Latford	"	Apr.15,1964	4 1/2	6	40	30	"	D	Dirty gravel stone 20;hardpan stones 50;blue clay stones 87; limestone 90. Water at 90.
Con XII	" 7 R.Symons	Steinman & Baird	May 7,1964	7	45	24	18	"	D	Stony brown clay 16;grey sandy clay 81;hardpan 96;brown limestone 103. Water at 103.
Con XII	" 8 K.Bendall	Hadco Well Digging Ltd.	Sep. 3,1965	30	2		14	"	D	Brown sand clay rocks 14;grey sand gravel 16;grey clay 18; brown sandy clay 28;gravel sand 32. Water from 14 to 16 and from 28 to 32.
Con XII	" 13 J.Pallister	Steinman & Baird	Aug. 5,1965	5	15	24	12	"	D,S	Topsoil 6;brown sandy clay 14;grey silty gravel boulders 35; grey gravel clay boulders 50;grey clay 53;sand gravel 61. Water from 57 to 61.
Con XII	" 13 J.Jahodski	K.McLeod & Sons	June26,1967	5 1/2	5	25	20	"	D	Brown clay 10;blue clay 25;hardpan 80;gravel clay 102;gravel 103. Water at 103.
Con XII	" 15 H.Brown	C.Kent Water Well Drlg.	Feb.26,1964	5	10	50	33	"	D	Yellow sand 10;stones clay 29;sandy hardpan 44;clay stones 60;sandy hardpan 72;sand 85;limestone shells 88;limestone 105. Water at 92, 97 and 102.
Con XII	" 15 Dr.C.McPherson	W.Baird	Jan.20,1966	7	20	41	22	"	D	Sand 18;gritty hardpan 49;blue clay 57;hardpan 69;brown clay 81;shale 84;brown limestone 85. Water at 84.
Con XII	" 20 G.Middleton	Steinman & Baird	Feb.20,1964	4	6	24	9	"	D	Clay fill 5;clay 43;gritty clay 70;fine gravel 71. Water at 71.



OXFORD COUNTY - cont. E.Zorra Twp. - cont.	lot 20	M. Cross	C. Kent Water Well Drilling	July 30, 1964	5	6	25	15	Fresh	D	Yellow clay stones 18; cemented gravel sand 82; fine sand 84; cemented sand gravel 97; hard red clay gravel seams 103; fine sand 105; clay gravel hardpan 113; coarse gravel 115. Water at 115. Sand 48; sandy hardpan 65; sand 77; cemented gravel 84; sand fine gravel 124; sandy hardpan 135; buff limestone 139. Water at 139. Brown clay 20; hard blue clay 32; coarse sand 39. Water from 32 to 39. Grey clay 24; gritty clay 71; gritty grey clay gravel 77. Grey clay 42; gritty brown clay 83; gritty hardpan 91; brown clay 111; hardpan 127; brown clay 144; shale 151; grey brown limestone 171. Water from 57 to 70. Brown clay 19; grey clay 96; sandy gravel 107; brown clay 117; sandy gravel 119; brown clay 124; grey limestone 127. Water from 126 to 127. Stony brown clay 19; grey clay 45; grey hardpan 93; gravel 100. Water from 95 to 100. Gritty clay 48; grey clay 66; sand 68; hardpan 74; dirty gravel 83; grey clay 91; gravelly hardpan 119; grey brown limestone 137. Water from 121 to 137. Brown clay 17; sand 49; gritty clay 85; gritty hardpan 89; sandy gravel 101. Water at 101. Brown sandy clay 12; gravelly blue clay 30; sandy blue clay 48; sand gravelly blue clay 90; cemented sand gravel 98; gravelly blue clay 108; sand fine gravel 128. Water at 128. Sand 12; gravel sand boulders 20; sandy grey clay gravel 27; Brown limestone 34; limestone. Dry hole. Brown sandy gravel 7; brown gravelly clay 40; brown gravelly hardpan 55; grey stony clay 60; grey clay 81; gravelly hardpan 85; brown grey limestone 93. Water at 93. Brown sandy clay 8; grey gravelly clay 30; stony clay 38; grey silty clay 73; brown limestone 80. Water at 79. Dug well 12; gravel 29; gritty clay 31; clean gravel 32. Water at 31. Brown loam 2; yellow sand 8; stony hardpan 20; clay gravel hardpan 57; dirty sand fine gravel 69; limestone 102. Water from 75 to 100. Brown clay 6; marl 7; brown clay 8; marl 9; brown clay 15; marl 17; clay 19; gravel. Water at 6, 8, 15 and 19. Sand stones clay 32; sand 45; clay 49; dirty gravel 54; clay cemented gravel 60; coarse sand 76; sandy hardpan 90; clay hardpan stones 129; cemented gravel 143; limestone 175. Water at 145 and 175. Topsoil 3; brown clay 11; grey clay stones 52; grey gritty hardpan 78; silty clay 95; shale 100; brown grey limestone 117. Water at 116.
Con XII	" 20	P. Maltby	"	Feb. 9, 1965	5	5	12 1/2	12	"	D	
Con XII	" 20	B. McArdle	R. Hudson	July 9, 1965	36	10	30	15	"	C	
Con XII	" 20	P. Ward	N. Steinman	Apr. 25, 1966	4	12	19	12	"	D	
Con XII	" 20	L. Currah Ltd.	"	Nov. 10, 1966	5	14	66	29	"	D	
Con XII	" 20	P. Thompson	"	Jan. 20, 1967	4	15	25	16	"	D	
Con XII	" 21	E. Hostetler	Steinman & Baird	June 18, 1964	4	12	30	11	"	D	
Con XII	" 21	H. Wlokens	N. Steinman	Oct. 26, 1966	5	15	27	13	"	D	
Con XII	" 25	E. Rookett	"	July 19, 1966	4	15	12	4	"	S	
Con XII	" 31	H. Schultz	G. Wallis	Aug. 10, 1964	6 1/2	20	40	20	"	S	
Con XIII	" 4	Woodstock Water Comm.	International Water Supply Ltd.	May 16, 1967	6					T	
Con XIII	" 5	C. Holmes	Steinman & Baird	May 22, 1964	4	10	55	40	Fresh	D, S	
Con XIII	" 5	R. Hewitt	"	July 9, 1964	4	10	36	13	"	D	
Con XIII	" 5	T. Hewitt	W. Baird	Jan. 24, 1967	5	18	20	Flows	"	D	
Con XIII	" 5	K. Love	C. Kent Water Well Drlg.	Mar. 12, 1965	5	4	35	18	"	D	
Con XIII	" 11	J. Gilmar	Hadoo Well	Feb. 12, 1964	27 1/2	2	18	6	"	D	
Con XIII	" 19	M. Verkuyl	C. Kent Water Well Drlg.	Nov. 7, 1964	5	8	60	12	"	D	
Con XIII	" 19	D. Smith	Steinman & Baird	July 22, 1965	5	12	52	Flows	"	S	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Diplogs to which formations extend below the surface are given in feet)										
OXFORD COUNTY - cont.										
East Zorra Twp. - cont.										
Con XIII lot 23	K. Rei	K. McLeod & Sons	Aug. 2, 1967	5	7	0	Flows	Fresh	D, S	Topsoil 3; sand gravel 25; hardpan stones 68; brown clay 89; gravel 90. Water at 90.
Con XIII	M. Schmidt	N. Steinman	Mar. 24, 1966	5	20	15	0	"	D, S	Sand 9; clay 71; hardpan 92; layers brown shale 114; gray limestone 120. Water from 118 to 120.
Con XIII	S. Erb	C. & H. Kerr	Feb. 14, 1964	6 1/2	15	30	0	"	D, S	Brown clay 6; sand 11; blue clay 20; marl 24; blue clay 40; marl 43; blue clay 52; gravel 53. Water at 52.
Con XIII	D. Zehr	Steinman & Baird	Oct. 31, 1964	4	15	25	Flows	"	D, S	Brown clay 18; sandy gritty clay 24; brown clay 48; sandy dirty gravel 56; brown clay 88; gritty hardpan 99; layers limestone shale 108; brown limestone 116.
Con XIV	D. Lazenby	W. Baird	Aug. 4, 1966	5	10	106	68	"	D	Stony clay 16; gravel 39; sand 51; gravelly clay 99; fine sand silt 104; sandy clay 129; brown shale 131; brown shale 131; brown limestone 158; gritty limestone 160. Water at 159.
Con XIV	R. Daniels	N. Steinman	May 31, 1966	5	15	70	55	"	D, S	Brown clay 11; clay boulders 44; gritty clay 64; dirty sandy gravel 104; brown clay 119; slabs shale gravel 128; broken rock 130. Water at 130.
Con XIV	J. Koops	"	Feb. 15, 1966	5	15	71	48	"	D, S	Gray clay 21; stony hardpan 51; layers limestone gritty hardpan 80; gray brown limestone 168. Water from 166 to 168.
Con XIV	D. Smith	Steinman & Baird	Feb. 14, 1964	5	10	45	10	"	D, S	Clay stones 31; gritty clay stones 66; dirty gravel 88; shale 90; brown limestone 105. Water from 92 to 105.
Con XIV	C. Langfield	N. Steinman	June 24, 1967	5	15	25	8	"	D, S	Gray clay stones 52; gritty clay 73; gray clay 103; gray limestone slabs 107; gray limestone 112.
Con XIV	W. Zehr	W. Locker	Jan. 26, 1964	5	3 1/2	5	3	"	D, S	Topsoil 2; stony gravel 32; blue clay 86; brown limestone 90. Water at 96.
Con XIV	B. Kaufman	Steinman & Baird	June 13, 1964	4	13	27	Flows	"	S	Clay 24; stones 30; gray clay 77; hardpan 99; slabs limestone hardpan 113; brown limestone 128; brown limestone 145. Water at 120 and 145.
Con XIV	W. Swartzentruber	"	June 23, 1964	4	10	30	2	"	D, S	Stones brown clay 13; gray clay 34; gravelly hardpan 39; gritty clay 72; hardpan 89; dirty gravel 92; gritty hardpan 104; shale 109; limestone 113; brown limestone 119. Water at 119.
Con XIV	S. Erb	Kerr's Well Drlg.	Aug. 12, 1967	4	20	30	8	"	D, S	Blue clay 50; boulder clay 55; very stony clay 116; gritty limestone 136. Water at 134.
Con XIV	S. Kropf	R. Hudson	July 23, 1966	36	5	40	10	"	D, S	Brown clay 10; blue clay 40; sandy clay 42. Water at 42.
Con XV	J. Hilderley	Steinman & Baird	July 27, 1964	4	19	40	24	"	D, S	Brown stony clay 11; gray stony gravelly clay 60; gravelly hardpan 70; gravelly clay 74; brown gray limestone 80. Water at 79.
Con XV	M. Eirtch	C. Kent Water Well Drlg.	Dec. 8, 1964	5	7	32	2	"	D	Yellow sand stones 18; gray putty sand 20; yellow sand stones 47; gray limestone 63. Water at 50 and 63.
Con XV	C. McGillivray	Steinman & Baird	Nov. 13, 1965	4	8	50	22	"	D, S	Topsoil 6; gravelly clay 28; gray clay 35; shale 59; gray limestone 69. Water at 68.
Con XV	E. Beacham	C. Kent Water Well Drlg.	Mar. 24, 1964	5	15	40	15	"	D	Yellow sand stones 20; clay stones 30; coarse rock 35; mud 36; gray limestone layers 42; gray limestone 75. Water at 75.
Con XV	D. Zehr	N. Steinman	Aug. 20, 1966	5	15	39	13	"	D, S	Fill 3; clay 41; hardpan 5; gritty sandy clay 79; gray clay 93; gray shale 97; gray limestone 114; brown limestone 126; gray brown limestone 139. Water from 125 to 139.
Con XV	K. Ruby	W. Hopper	June 19, 1967	5	10	30	26	"	D, S	Yellow clay 12; red clay 60; blue clay stone 122; hardpan 154; brown limestone 164. Water from 160 to 164.
Con XVI	P. Hannenburg	Steinman & Baird	Feb. 5, 1964	4	12	55	40	"	D, S	Clay 4; gritty clay 67; gray clay 83; shale 84; limestone 125. Water at 124.

OXFORD COUNTY - cont.

East Zorra Twp. - cont. Con XVI	lot 22	K.Keinz	Sep. 7, 1966	5	15	25	4	Fresh	D, S	Clay stones 47; dirty gravel 56; hardpan 73; grey limestone 101; brown limestone 114. Water from 100 to 114.
Con XVI	"	E. Bender	Sep. 15, 1964	4	12	28	15	"	D, S	Brown clay 22; grey clay 44; silty sand 48; grey gritty clay 77; sand 79; gravelly hardpan 125; limestone 151. Water at 131 to 151.
Con XVI	"	H. Schumm	Sep. 23, 1966	5	15	50	22	"	D, S	Grey clay 51; dirty sand 64; grey clay 76; gritty hardpan 87; grey clay 96; hardpan 107; grey limestone 127; brown limestone 129. Water from 112 to 129.
Con XVII	"	I. Beres	Oct. 15, 1964	4	14	38	28	"	D	Brown sandy clay 10; brown grey limestone 38; light brown limestone 50. Water from 46 to 50.
Con XVII	"	H. Carter	Nov. 27, 1964	4	20	33	26	"	D	Topsoil 3; brown grey limestone 41; light brown limestone 53; hard light brown limestone 55. Water from 53 to 55.
Con XVII	"	J. Klein	Apr. 22, 1967	5	15	21	19	"	D	Well pit basement 10; broken limestone 25; limestone 35. Water at 33 and 35.
Con XVII	"	J. Major	July 13, 1966	4 1/2	15	31	29	"	D	Brown clay 15; gravel 21; clay 35; grey limestone 48. Water from 46 to 48.
Con XVII	"	A. Mulder	Apr. 7, 1965	4	16	35	31	"	D	Brown clay stones 10; slabs brown limestone 16; brown limestone 59. Water from 56 to 59.
Con XVII	"	P. Lock	July 3, 1964	5	20	30	25	"	D	Topsoil 11; broken brown grey limestone 20; light grey limestone 30; light brown grey limestone 50. Water at 49.
Con XVII	"	J. Thompson	Aug. 24, 1965	6 1/2	6	35	25	"	D	Stones clay 30; grey limestone 50. Water at 48.
Con XVII	"	I. Remington	Aug. 11, 1966	4	12	36	27	"	D	Fill 4; clay 9; limestone slabs clay 19; limestone 24; clay 26; limestone 47. Water from 45 to 47.
Con XVII	"	S. Riddell	Sep. 27, 1966	4	15	28	24	"	D	Dry well 5; brown clay 25; slabs limestone clay 29; grey limestone 32; brown limestone 41. Water at 35 and 41.
Con XVII	"	W. Scott	June 16, 1967	5	12	36	32	"	D	Brown clay 32; brown shale rock slabs 40; brown grey limestone 53. Water from 50 to 53.
Con XVII	"	L. Nutt	Sep. 1, 1967	4	15	36	29	"	D	Brown clay 31; limestone 54. Water from 48 to 54.
Con XVII	"	C. Besztery	Sep. 6, 1967	4	15	35	27	"	D	Brown clay 31; limestone 54. Water from 48 to 54.
Con XVII	"	B. Curtis	Apr. 25, 1967	4	15	38	26	"	D, S	Brown clay 33; shale 35; limestone 51. Water at 49 and 51.
Con XVII	"	H. Percy	May 17, 1966	5	15	8	Flows	"	D, S	Grey clay borders 33; grey clay 74; gritty clay 79; shale slabs 83. Water at 83.
Con XVII	"	I. Stire	Aug. 16, 1966	30	2	18	10	"	D	Topsoil 1; brown clay 1; brown sand gravel 14; blue clay 20. Water at 14.
Con XVII	"	V. Roth	Nov. 9, 1965	4	15	33	19	"	D, S	Clay 24; hardpan 36; grey clay 54; silty grey clay 81; gritty hardpan 102; limestone slabs 112; grey brown limestone 132. Water at 115 and 132.
Con XVII	"	E. Baker	Sep. 26, 1964	4	20	30	26	"	D	Brown silty sand 15; brown gravelly hardpan 27; light brown limestone 48. Water at 48.
Con XVII	"	D. Allen	Nov. 16, 1964	5	4	50	32	"	D	Yellow sand clay 21; blue clay pebbles 32; brown grey limestone 52. Water from 49 to 52.
Con XVII	"	J. Fleming	Jan. 10, 1965	4 1/2	17	30	15	"	D, S	Dug well 15; stony clay 91; grey limestone 115. Water from 100 to 115.
Ingersoll Town		Upper Thames Concrete	Oct. 31, 1966	5	25	30	20	Fresh	In	Gravel 35; hardpan stones 88; hard rock 90; limestone 93. Water at 93.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. North Norwich lot 2 Con I	L. Rush	H. Wood	May 14, 1964	5	6	21	21	Frsh	D, S	Yellow sand 15; blue clay 56; gravel 57; hardpan 59; grey rock 60. Water at 60.
Con I	B. Williams	K. McLeod & Sons	Nov. 3, 1965	4 1/2	6	12	10	"	D	Brown clay 10; blue clay 20; sand clay 27; gravel 28. Water at 28.
Con I	W. Bowen	Warren Water Wells	Aug. 17, 1967	5	5	25	3	"	D	Yellow clay 19; boulders gravel 23; grey clay stones 49; grey clay 64; pit gravel 76; grey clay stones 85; coarse sand 89. Water at 89.
Con I	R. Austin	K. McLeod & Sons	Sep. 14, 1966	5 1/2	5	28	24	"	D, S	Brown clay 15; blue clay 60; sand 100; coarse sand gravel 106. Water at 106.
Con I	W. Krygsman	Warren Water Wells	Nov. 26, 1966	5	5	55	40	"	D	Black soil 2; yellow clay 23; grey clay stones 68; pit gravel 102; dirty grey sand 103; clay boulders 159; fine gravel 160. Water at 103 and 160.
Con I	R. Henry	W. Locker	July 16, 1964	5 1/2	25	14	9	"	D	Topsoil 2; brown clay 16; stony blue clay hardpan 34; gravel 35. Water at 34.
Con I	G. Henry Sr.	"	July 20, 1964	5	1	19	11	"	N	Topsoil 2; yellow clay 12; blue clay hardpan 19; gravel coarse sand 23. Water at 19.
Con I	"	W. Burwell	Aug. 13, 1965	5	6	90	34	"	D	Brown clay stone 40; blue clay stone 90; gravel 134. Water at 134.
Con II	R. Taylor	Cole Water Wells	Jan. 21, 1964	5	4	49	20	"	S	Yellow clay stones 21; grey clay 58; sand gravel 63. Water from 58 to 63.
Con II	K. Hill	Warren Water Wells	Mar. 31, 1965	5	15	12	7	"	D, S	Yellow clay boulders 42; gravel 59; grey shale 61. Water at 61.
Con II	W. Haight	E. Hoover & Son	Feb. 5, 1964	5	3	35	30	"	D, S	Red clay 20; blue clay 65; sand 72; gravel 73. Water at 72.
Con II	W. McMillien	K. McLeod & Sons	Oct. 6, 1966	4 1/2	5	25	20	"	D	Brown clay 6; blue clay 24; dirty gravel 29; gravel 31. Water at 31.
Con II	Burgessville Library	"	Aug. 22, 1966	4	10	Flows	Flows	"	P	Brown clay sand 14; blue clay 30; gravel 40; hardpan stones 70; dirty gravel 85; hardpan stones 122; limestone 125. Water at 125.
Con II	H. Davis	Warren Water Wells	Feb. 15, 1964	5	10	65	35	"	D	Yellow clay 42; gravel clay 125; sand 125; clay stones 133; sand 139. Water at 125 and 139.
Con III	R. Edgeworth	J. Stefan	Aug. 17, 1967	4	10	32	30	"	D	Sandy clay clay streaks 60; grey shale 61. Water at 61.
Con III	J. Hutchinson	Cole Water Wells	Jan. 15, 1964	5	8	50	36	"	D	Open hole 25; white sand 30; grey clay stones 97; gravel sand 100. Water from 97 to 100.
Con III	M. Tait	H. Wood	Oct. 14, 1967	5	12	56	58	"	D	Clay 10; clay boulders 45; putty sand 59; gravel 62. Water at 62.
Con IV	E. Moses	K. McLeod & Sons	Oct. 13, 1966	4 1/2	4	50	20	"	D	Brown clay 25; blue clay 67; gravel 68. Water at 68.
Con IV	W. Clark	Hadco Water Well Drlg.	Aug. 19, 1964	4	7	65	40	"	N	Clay 12; sand 18; clay 21; sand 25; clay sand 72; carbonated shale 74; sand gravel 87; clay rock 103; gravel 107; clay 110. Water at 107.
Con IV	"	"	July 16, 1965	4 1/2	3	90	50	"	D	Clay 14; sand clay 72; sand gravel 87; rock gravel 97; clay rock 115. Water from 87 to 97.
Con IV	J. Redling	Cole Water Wells	July 31, 1965	5	4	66	14	"	D, S	Clay loam 1; yellow clay 14; grey clay 26; white sand 30; soft clay 61; gravel sand 66. Water from 61 to 66.
Con IV	H. McGaw	H. Wood	Oct. 25, 1966	5	8	5	4	"	D	Sand 12; grey clay 47; blue clay boulders 107; grey clay gravel 120; grey limestone bedrock 122. Water at 121 to 122.
Con V	J. Pethy	P. V. K. & Sons	Mar. 10, 1967	2	520		9	"	Ir	Topsoil 1; silty sand 9; clean sand 30. Water at 9.
Con VI	A. VanEsch	Warren Water Wells	July 3, 1964	5	10	33	32	"	D	Yellow sand boulders 25; pit gravel 50; coarse sand 59. Water at 59.

OXFORD COUNTY - cont.									
North Norwich Twp. - cont.									
Con V	"	6	W. Dehe	June 21, 1966	5	5	33	28	Fresh
Con V	"	7	Warren Water Wells	Oct. 19, 1965	30		30		"
Con V	"	7	Hadco Well Digging Ltd.	Oct. 19, 1965					"
Con V	"	18	F. Cheeseman	Oct. 19, 1965	5	10	35	12	D, S
Con V	"	21	B. VanMannen	Sep. 10, 1965	5	10	35	12	"
Con V	"	21	E. Miller	June 29, 1965	5	10	10	8	"
Con V	"	26	M. Chamak	May 25, 1964	5	8	30	28	"
Con VI	"	6	M. Beusaert	June 9, 1967	2	55	21		"
Con VI	"	8	R. Catry	Dec. 12, 1966	5	10	18	10	"
Con VI	"	14	E. G. Gierich	May 28, 1965	5	6	45	14	"
Con VI	"	19	J. McMillen	Jan. 24, 1964	5	15	Flows		"
Con VI	"	22	M. Shetler	Mar. 19, 1964	5	7	40	35	Sulphur
Con VI	"	23	J. Shetler	Jan. 25, 1967	5	2	75	30	Fresh
North Oxford Twp.									
Con I	Lot 5	G. Pounds	K. McLeod & Sons	Sep. 11, 1964	5 1/2	6	25	20	Fresh
Con I	"	6	H. Beatty	July 24, 1964	5 1/2	25	35	15	"
Con I	"	7	D. Hutchison	Feb. 5, 1964	4 1/2	6	15	8	"
Con I	"	10	M. Chivers	Oct. 29, 1966	4 1/2	10	25	20	"
Con I	"	11	H. Dunnewold	Sep. 2, 1967	5 1/2	12	28	20	"
Con I	"	21	B. Otis	Jan. 15, 1964	4	7	47	44	"
Con I	"	25	W. Humberstone	June 24, 1964	4 1/2	6	85	78	"
Con I	"	27	J. Kelly Jr.	Feb. 17, 1964	5	20	91	80	"
Con I	"	27	J. Byers	July 19, 1967	4 1/2	6	70	60	"
Con II	"	2	W. Lehwaldt	Sep. 21, 1967	5	1	125	30	"

Clay boulders 18; grey clay pebbles 24; pit gravel 45; coarse sand 48. Water at 48.  
 Sandy clay 5; blue clay 30; grey clay 33; gravel 36. Water from 33 to 36.  
 Sandy clay 5; blue clay 20; large stone. Dry hole.  
 Topsoil 2; clay stones 26; gravel 47; clay 76; fine gravel 81. Water at 81.  
 Clay stones 22; gravel 72; gravel 73; clay stones 129; gravel bedrock. Water at 73 and 129.  
 Yellow sand 8; clay stone 61; dirty gravel 75; clay stone 102; hardpan 110; grey rock 114. Water at 114.  
 Topsoil 1; brown sand 6; grey clay 8; brown sand 20; grey clay 21; brown sand 34. Water at 21.  
 Open pit 5; grey clay 28; grey clay stones 55; fine brown sand 61. Water from 55 to 61.  
 Topsoil 2; yellow clay boulders 19; grey clay 63; pit gravel 103. Water at 75 and 103.  
 Red clay 40; blue clay stones 78. Water at 78. Abandoned.  
 Blue clay 55; gravel 63; clay 83; blue clay 118; rock 119. Water at 119.  
 Topsoil 2; yellow clay 18; grey clay 73; sand 75. Water at 75.

Brown clay 15; sand 30; blue clay 60; hardpan stones 108; gravel 110. Water at 110.  
 Brown clay 20; hardpan stones 90; gravel 93. Water at 93.  
 Brown clay 30; dirty gravel sand 60; blue clay 96; gravel rock 97. Water at 97.  
 Brown clay 20; sand gravel 40; hardpan stones 74; limestone 93. Water at 93.  
 Brown clay 20; blue clay stones 55; hardpan 85; limestone 92. Water at 92.  
 Fine red sand 5; grey clay 8; fine grey sand stones 30; brown clay 51; fine grey sand 60; fine grey sand gravel 71; coarse stones 72; fine sand 74; medium gravel 76. Water from 74 to 76.  
 Brown clay 15; dirty gravel 50; hardpan stones 96; limestone 112. Water at 112.  
 Sandy loam 3; clay gravel 20; blue clay 129; light brown limestone 155; brown limestone specks gypsum 160. Water from 155 to 160.  
 Brown clay 20; dirty gravel 40; gravelly hardpan stones 134; rock 145. Water at 145.  
 Brown clay stones 20; sand gravel 40; blue clay 76; gravel 77; hardpan 117; hard solid rock 147. Water at 135.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Depth to which formations extend below the surface are given in feet)										
OXFORD COUNTY - cont. N. Oxford Twp. - cont.										
Con II	S. Omlelan	K. McLeod & Sons	June 3, 1965	4	7	12	10	Fresh	D	Brown clay 20; blue clay 45; hardpan stones 85; blue clay 107; limestone 116. Water at 116.
Con II	I. Robbins	"	Dec. 17, 1964	4	2	90	25	"	D	Brown clay 25; hardpan stones 110; gravelly hardpan 127; limestone 149. Water from 130 to 149.
Con II	C. Nidalin	"	Sep. 26, 1967	4	5	30	28	"	D	Sand gravel 38; limestone 53. Water at 53.
Con III	E. Baigent	"	Jan. 11, 1965	5 1/2	7	55	12	"	D, S	Brown clay 18; hardpan stones 85; limestone 130. Water from 85 to 130.
Con III	N. Ling & Son	Hadco Well Drllg. & Diggng Ltd.	June 18, 1965	5	3	80	30	"	D, S	Clay 6; fine gravel 11; grey clay boulders 22; soft brown clay 60; fine cemented gravel 65; grey clay 100; light blue fine gravel 105; hard grey rock 150; limestone 170. Water at 140, 150 and 170.
Con III	B. Vermeeken	K. McLeod & Sons	June 1, 1964	4 1/2	6	50	43	"	D	Brown clay 12; dirty gravel stones 60; gravelly hardpan 90; gravel 101. Water at 101.
Con III	P. Cartmale	Hadco Well Digging Ltd.	July 23, 1965	5 1/2	25	60	25	"	D	Sandy clay 25; gravel rocks 64; rocks 70; rock 96; soft grey rock 92. Water from 85 to 92.
Con III	M. Steinhoff	K. McLeod & Sons	May 15, 1965	4	7	40	38	"	D	Brown clay 20; blue clay 40; hardpan stones 85; blue clay 105; shale 108. Water at 108.
Con III	C. Papais	"	Nov. 9, 1967	4	5	60	40	"	D	Brown clay 17; grey clay sand 45; hardpan stones 96; sand gravel 103; limestone 108. Water at 108.
Con III	J. Lendon	"	Oct. 3, 1967	4	6	35	15	"	D	Brown clay sand 20; gravelly hardpan stones 63; limestone 89. Water at 89.
Con III	A. Seymour	G. Hussey	Mar. 1, 1964	4	10	20	10	"	D	Clay sand streaks gravel 55; greyish limestone 82. Water at 74.
Con IV	C. West	K. McLeod & Sons	June 15, 1967	5 1/2	5	60	33	"	D, S	Brown clay 10; sand 30; sandy clay 45; hardpan stones 78; fine gravel 83; gravelly hardpan stones 107; rock 108. Water at 108.
Con V	H. Beatty	"	June 4, 1966	5	15	50	40	"	D, S	Brown clay 5; sand 20; blue clay stones 50; hardpan 76; limestone 80. Water at 79 1/2.
Formerly North Dorchester Survey										
FND Con I	H. Sims	"	Feb. 25, 1964	4 1/2	5	60	40	"	D, S	Gravel 65; hardpan stones 83; gravel 92. Water at 92.
FND Con I	D. Hossack	"	June 19, 1964	6 1/2	4	90	68	"	P	Gravel 3; blue clay 4; hardpan stones 91; limestone 150; hard brown rock 200; brown rock 252. Water at 98, 120, 140, 200, 212 and 250.
FND Con I	Separate School	"	July 13, 1964	5 1/2	15	47	45	"	P	Black loam 3; dirty gravel 20; hardpan 75; gravel 83. Water at 83.
FND Con I	W. Beatty	"	July 17, 1966	8	135	80	64	"	C	Coarse gravel stones 15; gravel sand 40; brown clay gravel 70; hardpan stones 85; gravel 88; hardpan 92; limestone 133; hard rock 235; limestone 260. Water at 110, 140, 230, 242 and 260.
FND Con I	H. Beatty	"	Oct. 15, 1961	8	70	80	55	"	D, S	Gravel stones 35; hardpan 87; grey limestone 250. Water from 80 to 120, 150 to 170 and 220 to 250.
FND Con I	Cold Springs Farms Ltd.	"	July 28, 1965	6	65	200	85	Sulphur	In	Previously drilled 84; white limestone 94; brown limestone 121; grey limestone 275; white limestone 304. Water at 100, 145, 168, 200, 220, 255, 285 and 304.
FND Con I	"	"	Aug. 20, 1965	8	140	180	85	Fresh	In	Grey limestone 350; hard blue rock 388. Water at 258, 275, 305, 340, 378, 385, 388.
FND Con I	"	"	Mar. 24, 1967	8	250	110	7	Sulphur	In	Gravel stones 30; hardpan 58; white hardpan limestone 245. Water at 62, 115, 154, 165, 208, 212 and 244.
FND Con I	Free Methodist Church Camp	"	May 15, 1964	7	5	65	10	Fresh	P	Gravel stones 30; gravelly hardpan stones 67; limestone 77. Water at 77.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. S. Norwich Twp. - cont.										
Con X lot 26	A. Roeland	Warren Water Wells	Dec. 3, 1965	5	10	75	42	Fresh	D	Yellow sand 18; clay stones 92; sand 97. Water at 18 and 97.
Con X " 27	G. Veltsman	H. Johnson	Feb. 20, 1967	36	4		10	"	D	Sand 6; clay stone 30. Water at 25.
Con XI " 2	R. Paré	W. Burrell	Sep. 7, 1967	1 1/2	10	8	4	"	D	Bed sand 8; sand 16. Water at 8.
Con XI " 9	L. Nant	H. Wood	Aug. 22, 1964	5	8	42	42	"	D	Bed sand 20; clay 60; putty sand 120; clay stone 142; clay gravel 160; hardpan 165; grey rock 168. Water at 165.
Con XI " 21	N. Williams	W. Belore	Sep. 23, 1966	1 1/2	4		20	"	D	Pine sand 2; brown clay 7; fine grey sand 22; coarse sand 29. Water at 22.
Con XI " 24	E. DeSutter	Warren Water Wells	Oct. 1, 1965	1 1/2	1 1/2	22		"	D	Yellow sand 22; grey clay 23. Water from 22 to 22 1/2.
Con XII " 3	P. Kempf	W. Burrell	Apr. 7, 1965	1 1/2	10	10	7	"	D	Bed sand 15; sand 24. Water at 15.
Con XII " 12	L. Deconinck	"	Nov. 15, 1966	1 1/2	8	18	15	"	D	Sand 20; sand 26. Water at 20.
Con XII " 18	C. Franklin	"	Aug. 19, 1965	1 1/2	10	19	21	"	D	Bed sand 15; sand 25. Water at 15.
Con XII " 22	A. VanDerHeeven	J. Weaver & Son	Jan. 31, 1964	1 1/2	8		17	"	D	Open well 6; white sand 21; brown sand 26; blue sand 36. Water at 21.
Con XII " 24	J. Gyulveszi	"	June 6, 1964	1 1/2	5		5	"	D, S	Topsoil 1; yellow sand 5; brown putty sand 9; blue clay 10; blue putty sand 32. Water at 5.
Con XII " 25	G. Gyulveszi Jr.	"	June 25, 1964	1 1/2	2		5 1/2	"	D	Topsoil 1; yellow sand 4; coarse sand 10; brown clay 12. Water at 4.
Con XII " 26	G. Gyulveszi Sr.	"	June 17, 1964	1 1/2	6		5	"	D	Topsoil 1; yellow sand 5; brown putty sand 10; blue putty sand 27. Water at 5.
Con XII " 27	G. Verschoore	Warren Water Wells	Mar. 11, 1966	2	35	18	8	"	Ir	Yellow sand 5; grey clay 31; sand 42. Water at 42.
Con XII " 27	"	"	Mar. 15, 1966	2	33	18	8	"	Ir	Yellow sand 4; grey clay 31; sand 42. Water at 42.
Con XII " 28	M. Palmer	J. Weaver & Son	Mar. 28, 1964	1 1/2	5		24	"	D	Topsoil 1; yellow sand 5; white sand 24; fine stony quicksand 22; coarse sand 34. Water at 24.
Tavistock Village	P. U. C. Tavistock	N. Steinman	Oct. 6, 1967	8	200	40	Flows	Fresh	P	Full 3; grey clay 34; sandy grey clay 40; gravelly hard clay 49; gravel 64. Water at 49 and 64.
		"	July 25, 1967	5			"	"	T	Full 3; grey clay 34; sandy grey clay 40; gravelly hard clay 49; gravel 64. Water at 49 and 64.
Tillsonburg Town	P. Zei	J. Weaver & Son	Jan. 24, 1964	1 1/2	4		30	Fresh	D	Topsoil 1; yellow sand 6; white sand 30; brown quicksand 31; blue quicksand 35. Water at 30.
	R. Thomson	"	Mar. 21, 1964	1 1/2	4		12	"	D	Topsoil 1; yellow sand 4; white sand 12; white sand 14. Water at 12.
	E. Parkas	"	Apr. 14, 1964	1 1/2	8		32	"	Ir	Open well 20; white sand 32; brown quicksand 40; blue quicksand 44. Water at 32.
	Gilvery Constr.	"	May 11, 1964	2	5		27	"	C	Full 4; white sand 27; quicksand 36. Water at 27.
	J. Weston	Cole Water Wells	June 2, 1965	5	2	30	26	"	D	Yellow sand streaks white sand 26; white black sand 34. Water from 26 to 34.

OXFORD COUNTY - cont.  
Tillsonburg Town - co

Tillsonburg Town - cont.

Loc	West Oxford Twp.	Driller	Date	Depth	Remarks	Notes
1	10	5	Oct. 24, 1965	5	Yellow sand 30; black white sand 35. Water from 30 to 35.	
2	11	5	Apr. 2, 1966	5	Topsoil 3; yellow clay 9; blue clay 33; putty sand 35; blue clay 71; grey limestone 72.	
3	12	5	Apr. 12, 1967	5	Water from 32 to 38. Topsoil 1; clay stones 45; sand 46; clay stones 145. Water from 45 to 46. Dry hole.	
4	13	5	June 25, 1967	3	Water at 98.	
5	14	5	Feb. 18, 1964	4	Brown clay 10; hardpan stones 140; quicksand 180; hardpan 195; quicksand 206; limestone 220. Water at 140, 195 and 208.	
6	15	5	Jan. 18, 1966	4 1/2	Brown clay stones 20; hardpan stones 58; hard limestone 98; Water at 98.	
7	16	5	Oct. 13, 1966	4 1/2	Brown clay 8; sand gravel 40; stones hardpan 47; limestone 88. Water at 88.	
8	17	5	Feb. 14, 1967	4 1/2	Sand gravel stones 40; white hardpan 46; hard rock 55. Water at 51 and 55.	
9	18	5	Mar. 30, 1967	4 1/2	Brown clay 4; sand gravel 30; hardpan stones 59; limestone 75. Water at 75.	
10	19	5	Apr. 5, 1966	4 1/2	Red sand 20; sand gravel 48; limestone 50; hard grey rock 51. Water at 51.	
11	20	5	May 18, 1966	4 1/2	Brown clay 4; sand gravel 56; stones hard rock 63. Water at 63.	
12	21	5	Dec. 9, 1967	1 1/2	Sandy clay 4; gravel clay 10. Water from 6 to 10.	
13	22	5	May 12, 1967	8	Topsoil 18; clay gravel 35; blue clay 45; gravel sand 48; blue clay 61; gravel sand 65; blue clay stones 120; hardpan clay 126; brown limestone 167; white limestone 170; brown limestone 190. Water at 190.	
14	23	5	June 9, 1964	5 1/2	Brown clay 20; sand gravel 50; clay stones 80; sand 150; hardpan 167; gravel 172. Water at 171.	
15	24	5	Feb. 26, 1964	4 1/2	Dirty sand 20; sand gravel stones 70; hardpan 94; limestone 100. Water at 100.	
16	25	5	June 14, 1965	5 1/2	Brown clay 20; brown clay gravel 45; hardpan 60; blue clay 75; gravel 78. Water at 78.	
17	26	5	Mar. 31, 1966	5 1/2	Brown clay 28; gravel 50; hardpan stones 105; blue clay 120; white hardpan 122; limestone 131. Water at 131.	
18	27	5	Apr. 12, 1967	10	Brown clay 6; sand gravel 35; hardpan stones 130; limestone 155. Water at 135 and 154.	
19	28	5	May 10, 1967	8 1/2	Red clay 20; blue clay 45; hardpan stones 115; shale 120; limestone 152. Water from 130 to 152.	
20	29	5	Sep. 6, 1967	5	Brown clay 19; gravel sand 60; hardpan stones 129; limestone 150. Water at 150.	
21	30	5	Apr. 4, 1966	4 1/2	Brown clay 20; sand 40; sand gravel 80; hardpan stones 107; gravel 108. Water at 108.	
22	31	5	Nov. 14, 1966	5	Brown clay 7; sand gravel 36. Water at 36.	
23	32	5	June 1, 1964	5	Old well 27; hardpan fine sand gravel 27; sand coarse fine silty 104. Water at 104.	

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. West Oxford Twp.- cont. Con I lot 26	H. Beatty	K. McLeod & Sons	June 10, 1967	5 1/2	15	35	25	Fresh	D, S	Brown clay 7'; gravel 16'; sand gravel 50'; hardpan 70'; gravel stone 100'; hardpan 111'; limestone 114'. Water at 114.
Con I " 27	T. Oostenbrug	"	Mar. 9, 1965	5 1/2	6	45	30	"	D, S	Brown clay 20'; dirty sand gravel 70'; gravelly hardpan stones 134'; soft limestone 138'. Water at 138.
Con II " 6	K. Hamerton	Steinman & Baird	May 5, 1965	5	15	151	146	"	D, S	Gritty clay 46'; gritty hardpan 63'; dirty gravel 169'; fine sand 192'; grey gritty clay 267'; grey shale 269'; light brown limestone 279'; grey shale 284'. Water from 279 to 283.
Con II " 8	Ont. Dept. of Highways	W. Dale Well Drlg.	Mar. 6, 1964	8	1	84 1/2	84	"	P	Sandy brown clay 8'; grey clay gravel 29'; yellow clay 38'; grey sandy clay 47'; brown sandy clay 64'; gravel 75'; cemented gravel 100'; grey clay 111'; gravel 114'; muddy fine sand 125'. Water from 100 to 106.
Con II " 11	"	Warren Water Wells	Feb. 28, 1964	8	65	37	35	"	C	Topsoil 3'; gravel 32'; clay stones 53'; fine putty sand 84'; sand 126'. Water at 126.
Con II " 13	D. Barnett	F. Jackson	Dec. 17, 1965	5	12	60	42	"	D	Sandy topsoil 5'; clay grit 11'; stones gravel clay grit 40'; clay grit 60'; stones clay 80'; clay grit stones 173'; false rock gravel 174'; limestone 179'. Water at 174.
Con II " 21	H. Fishback	Hadco Well Digging Ltd.	July 8, 1966	5 1/2	12	70	20	"	D	Topsoil 1'; brown clay rocks 18'; gravel 24'; blue clay rocks 58'; boulders 62'; blue clay stones 106'; gravel 114'. Water at 114.
Con II " 22	L. Daniels	K. McLeod & Sons	Aug. 11, 1964	4 1/2	5	40	36	"	D	Sand clay 20'; gravel 44'. Water at 44.
Con II " 22	M. Stevenson	"	Aug. 15, 1964	4 1/2	5	40	34	"	D	Brown clay 12'; sand 20'; gravel 43'. Water at 43.
Con III " 2	P. U.C.	International Water Supply	Aug. 8, 1966	10	5	40	9 1/2	"	T	Topsoil 1'; brown clay 2'; clay gravel 16'; sand gravel 27'; dirty sand gravel 30'; sand gravel 36'; dirty fine sand coarse gravel 38'; coarse sand gravel 50'; gravel clay 52'. Water at 16.
Con III " 2	"	"	Aug. 11, 1966	2		12 1/2		"	T	Topsoil 1'; dirty sand gravel 8'; clay gravel 19'; sand gravel 37'; coarse sand gravel 49'. Water at 19.
Con III " 3	A. Edwards	K. McLeod & Sons	Jan. 9, 1967	5	4	130	118	"	D, S	Brown clay 15'; sand 40'; sand dirty gravel 139'; good gravel 140'. Water at 140.
Con III " 4	M. Pullen	Steinman & Baird	Sep. 30, 1964	5	15	126	119	"	D, S	Brown clay stones 22'; grey clay 37'; hardpan 43'; gravel 47'; clay 55'; sand 101'; hardpan 119'; sandy gravel 133'. Water from 119 to 133.
Con III " 13	L. Pellow	J. Weaver & Son	Aug. 26, 1964	1 1/2	8		10	"	D, S	Open well 12'; brown sand stones 20'; fine gravel 24'. Water at 10.
Con III " 15	J. Coordes	N. Steinman	Mar. 8, 1967	5	2	38	18	"	D	Well pit 5'; brown clay 46'; fine sand clay 67'; hardpan 72'; sandy gravel 73'. Water at 73.
Con III " 16	G. Kennedy	"	Oct. 14, 1966	4	15	79	75	"	D	Gritty brown clay 19'; gritty grey clay 104'; gritty hardpan boulders 159'; grey clay 171'; shale 178'; clay 185'; broken limestone 187'. Water at 187.
Con IV " 3	G. Buchanan	G. Hussey & Son	Mar. 26, 1964	4	5	40	30	"	D	Clay sand 15'; quicksand 45'; sand gravel 47'; quicksand 78'; coarse sand 85'; gravel 88'. Water from 85 to 88.
Con IV " 5	G. Wiseman	W. Baird	June 1, 1966	5	12	54	23	"	D	Gritty brown clay 48'; dirty gravel 53'; gritty grey clay 104'; gritty hardpan 139'; grey clay 143'; grey limestone 148'. Water at 148.
Con IV " 7	J. Nancekivell	G. Hussey & Son	Jan. 22, 1964	4	8	150	32	"	D, S	Gravel sand 122'; sand 203'; dark grey rock 220'. Water at 122 and 216.
Con IV " 8	A. Bond	"	Jan. 28, 1964	4	5	46	45	"	D, S	Stony sandy gravel 74'; coarse gravel 75'. Water at 74.
Con IV " 13	Community Park	B. Hudson	Oct. 9, 1967	30	5	15	9	"	P	Gravel 15'; clay 17'. Water at 9.
Con IV " 16	C. Shelton	K. McLeod & Sons	Aug. 14, 1967	5	8	100	90	"	D, S	Brown clay 15'; blue clay 75'; hardpan stones 190'; limestone 224'. Water at 224.

Sand 140; hardpan 155; blue clay stones 230; brownish clay 250; white hardpan 256; gravel 258. Water at 238. Previously drilled 115; sand gravel 150. Water at 150. Open well 40; brown quicksand 50. Water at 46.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. West Zorra Twp. - cont. Con IV lot 31	G.Campbell	Steinman & Baird	Sep.27,1965	4	15	74	50	Fresh	D, S	Topsoil 3; brown clay 18; brown silty clay 42; grey gritty hardpan 65; grey silty gritty hardpan 154; light brown grey broken limestone 162; brown grey limestone 185. Water from 171 to 185. Brown clay 15; grey clay 40; grey gritty hardpan 65; grey clay 140; brown silty clay 159; broken limestone 166; brown limestone 170. Water at 169. Brown sandy clay 29; grey clay 37; gravelly hardpan 73; sandy brown clay 81; grey shale 82; brown limestone 105. Water at 103. Brown clay 30; blue clay 50; hardpan 83; limestone 108. Water at 90 and 108. Brown clay 18; blue clay 60; hardpan stones 105; hard limestone 154. Water at 115 and 154. Black loam 3; blue clay stones 24; gravel sand 49; hardpan 77; limestone 112. Water at 112. Brown clay 10; blue clay 50; hardpan 105; gravel sand 120; gravel 122. Water at 122. Brown clay 35; grey gravelly clay 47; grey gravelly hardpan 65; grey clay 145; pinkish grey clay 179; broken limestone gravelly clay 193; brown grey limestone 200. Water at 199. Brown clay 40; sand clay 60; hardpan stones 86; limestone 108. Water at 108. Topsoil 1; clay coarse sand 20; blue clay stones 75; hardpan 104; sandy gravel 105; brown limestone 155. Water at 130 and 150. Hard gritty grey clay 44; sand gravel 48; stony hard clay 86; brown shale 89; brown limestone 138. Water from 135 to 136. Brown clay 8; grey clay 53; gritty grey clay 59; stony hardpan 71; grey clay 91; rock slabs 92; broken limestone 95. Water at 93 to 95.
Con IV	E.Woolcott	"	Nov.21,1964	4	15	85	70	"	D, S	Brown clay 19; grey clay 72; gritty hardpan 94; limestone slabs 101; brown grey limestone 123. Water from 115 to 123. Brown clay 8; blue clay 18; sand 30; sand clay 76; gravel 78. Topsoil sandy 6; coarse gravel 16; silty grey clay 43; silty gravelly clay 103; brown grey limestone 118. Water from 113 to 118. Brown clay stones 20; sand gravel 60; hardpan 100; blue clay 115; gravel 128. Water at 128.
Con V	Feed Service Corporation Canada Ltd.	W.Baird	Feb.28,1967	5	20	55	28	"	In	Topsoil 1; stony gravel 38; silty clay hardpan 88; stony blue clay 193; hard light grey limestone 201. Water at 197. Grey clay 30; stones 50; sandy grey clay 90; fine gravel 96. Water at 96.
Con V	E.Bragg	K.McLeod & Sons	Apr.23,1965	4 1/2	5	65	30	"	D	Brown gravelly clay 14; grey gravelly clay 40; gravelly hardpan 70; gravelly clay 111; brown limestone 115. Water at 113 and 115.
Con V	R.Baskman	"	July 14, 1966	4 1/2	4	120	95	"	D	Brown loam 2; yellow sand 22; dirty sand gravel 40; sandy hardpan 80; dirty sand gravel 105; hardpan 110; sand 123; gravel 125. Water at 125.
Con V	H.Eastra	"	July 21, 1967	4	6	65	28	"	D	
Con V	K.Dawson	"	Sep.28,1965	4 1/2	5	68	65	"	D, S	
Con V	D.Castagnasso	Steinman & Baird	Nov. 7, 1964	4	15	109	92	"	D, S	
Con VI	W.Earle	K.McLeod & Sons	July 13, 1966	4 1/2	5	55	50	"	D	
Con VI	D.Bruyns	Hedco Well Drilg. & Digging Ltd.	Aug.25,1967	5	8	150	100	"	D, S	
Con VI	W.Simons	N.Steinman	Dec. 5, 1967	5	8	70	19	"	D, S	
Con VI	W.Skorby	"	Nov.29,1966	4	10	50	20	"	D	
Con VI	C.Young	"	Jan. 5, 1967	4	15	49	16	"	D	
Con VI	H.Meyer S.Weln	K.McLeod & Sons	Nov.12,1966	5	6	20	14	"	D, S	
Con VII	A.Graham	Steinman & Baird	Oct.19,1965	5	19	25	10	"	D, S	
Con VII	J.Pellman	K.McLeod & Sons	Apr.28,1966	4 1/2	6	40	35	"	D, S	
Con VII	J.Lewis	M.Hooper	Nov. 3, 1965	5	7	68	29	"	D, S	
Con VII	W.Burwell	"	Oct.20,1965	5	12	30	18	"	D	
Con VIII	Oxford Memorial Park Cemetery	Steinman & Baird	Mar.24,1964	5	20	86	80	"	P	
Con VIII	R.Moon	C. Kent	Jan. 8, 1964	5	6	40	27	"	D	



OXFORD COUNTY - cont. West Zorra Twp. - cont. Con VIII lot 10	C.Scott	N.Steinman	June 14, 1966	4	12	48	41	Fresh	D	Dug well 17; hardpan stones 67; hardpan 124; brown clay 127; sand 130; clay 134; gravel 136. Water at 136.
	Con VIII	W.Baird	Jan. 4, 1967	5	15	98	90	Sulphur	D,S	Brown clay 19; grey gritty clay 79; brown sandy clay 87; grey gritty clay 106; brown clay 169; brown limestone 170; sand 178; brown limestone 194. Water at 188 and 193.
	Con VIII	N.Steinman	June 12, 1967	5	12	68	40	"	D,S	Gritty clay 47; gravel clay 50; brown clay 67; grey hard clay 87; brown shale 91; brown limestone bedrock 125; light grey limestone bedrock 175. Water at 97, 122, 172.
	Con VIII	Hadco Well Digging Ltd.	June 19, 1965	30	15	15	4	Fresh	D	Sandy clay 2; sand 6; sandy coarse gravel 13; boulders gravel 17; blue clay 20. Water from 60 to 177.
	Con VIII	C.& H. Kerr	Dec. 17, 1964	4½	13	64	22	"	D,S	Top clay 6; gravel 62; stony clay 140; clay gravel 160; stony clay 192; limestone 210. Water at 209.
	Con VIII	G.Wallis	Feb. 14, 1964	6½	15	120	50	"	S	Light brown gravelly clay 16; gravelly grey clay 27; gravelly blue clay 60; heavy gravel boulders 63; cemented sand gravel 74; gravelly blue clay 181; soft white limestone 188; brown limestone 210. Water at 204.
Woodstock City	D.Matheson	Steinman & Baird	July 21, 1964	4	12	85	65	Fresh	D,S	Brown clay hardpan 35; gravelly clay 55; stony hardpan 68; sand loose gravel 71; silty sand gravelly hardpan 140; silty gravel 143; clay 147; brown grey limestone 152. Water at 152.
	A.Edwards	"	Aug. 28, 1964	4	20	70	58	"	D,S	Sandy gravelly clay 23; coarse loose gravel bands hardpan 32; coarse loose gravel boulders 45; cemented gravel 63; loose sandy gravel 68; cemented gravel boulders 85; hard silty gravelly clay 141; dark brown grey limestone 146. Water at 146.
	Woodstock PUC.	International Water Supply Ltd.	Oct. 6, 1964	5					T	Topsoil 1; sand gravel clay 5; gravel sand clay 11; packed clay gravel sand 55; hard clay gravel 70; clay gravel 73; rock 74.
	Woodstock Inn Ltd.	Warren Water Wells	July 31, 1965	6½	30	80	65	Fresh	P	Clay stones 17; pit gravel 48; gravel 53; stones boulders 71; sand 75; gravel boulders 125; clay stones 151; blue clay 158; gravel 159. Water at 53 and 75.
	Woodstock Water Com.	International Water Supply Ltd.	Apr. 24, 1967	2	12	13	5	"	T	Dirty sand 15; dirty sand gravel streaks 21; brown clay gravel sand streaked 35; broken gravel boulders 41; limestone. Water from 5 to 41.
	"	"	Apr. 26, 1967	6				"	T	Fine dirty sand 17; dirty sand gravel 20; brown clay gravel 21; grey clay 28; clay gravel 32; brown clay gravel sand 40; limestone 41.
	"	"	May 12, 1967	6				"	T	Sand 15; gravel sand boulders brown clay streaks 29; brown clay sand gravel 34; broken limestone 36; limestone. Dry hole.
	"	"	May 12, 1967	2	20	22	3	Fresh	T	Sand 5; sand gravel streaks 15; gravel sand streaks 27; gravel boulders sandy clay streaks 34; sandy grey clay gravel streak 53; broken limestone 56; limestone. Water from 5 to 34.
	"	"	May 15, 1967	2	60	14	7	"	T	Red sand 4; sand 30; brown clay sand streaks 34; broken limestone 37; limestone. Water from 4 to 30.
	"	"							12-67	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
PERTH COUNTY										
Blanshard Twp.										
Con II lot 11	R. VanLogeren Berg	W. Hopper & Sons	Sep. 13, 1965	4	8	217	215	Fresh	D, S	Yellow clay 9; gravel 30; hardpan 71; brown limestone 260. Water from 245 to 260.
Con III "	P. Sweitzer	C. & H. Kerr	May 27, 1964	4 1/2	12	50	35	"	D, S	Blue clay 30; dirty gravel 3; stony clay 65; blue clay 76; grey limestone 126. Water at 120.
Con IV "	R. Urquhart	W. Hopper & Sons	July 26, 1966	5	10	205	200	"	D, S	Yellow clay 23; blue clay stones 67; hardpan 90; brown rock 245. Water from 205 to 245.
Con IV "	D. McNaughton	R. Hudson	July 24, 1964	27	20	9	8	"	D, S	Big stones gravel 8; blue clay 12; brown clay 16. Water at 8.
Con VII "	D. Holland	"	July 27, 1964	36	1	20	17	"	D, S	Brown clay 10; blue clay 17; big stones clay 23. Water at 17.
Con VII "	D. McNaughton	"	July 25, 1964	36	10	20	11	"	D, S	Brown clay 10; blue clay 14; stones 16; blue clay 18; gravel 21. Water at 18.
Con VII "	B. Spence	"	July 25, 1964	36	10	12	8	"	D, S	Gravel 6; blue clay 8; gravel 12; clay 13 1/2. Water at 8.
Con VII "	T. Wiebe	W. Hopper & Sons	July 12, 1966	5	10	200	190	"	D, S	Yellow clay 2; sand 18; gravel 12; stony hardpan 91; brown limestone 236. Water from 190 to 236.
Con IX "	K. Parkinson	R. Hudson	July 1, 1965	36	40	25	20	"	D, S	Brown clay 20; gravel 22; blue clay 30. Water at 20.
Con IX "	M. Bonis	M. Jones	July 25, 1964	5	8	90	33	"	D, S	Clay 15; sand 1; clay 4; gravel 50; clay stones 100; broken limestone sand 105; dark brown limestone 112. Water at 107 1/2.
Con XII "	P. Hoegins	W. Hopper & Sons	Sep. 2, 1964	4	6	210	207	"	D, S	Topsoil 1; sandy 93; blue clay 15; blue clay 30; hardpan 80; limestone 245; brown limestone 140; yellow limestone 207; brown limestone 245. Water from 237 to 245.
Con XII "	E. Herlton	R. Hudson	Jan. 22, 1964	36	1	25	22	"	D, S	Brown clay 4; blue clay 25; gravel big stones 26. Water at 25.
Con XIV "	D. J. Ward	"	May 25, 1965	36	30	150	145	"	D	Brown clay 4; gravel 6; blue clay 36. Water at 6.
Con XV "	D. Stevens	W. Hopper & Sons	Nov. 10, 1964	6 1/4	30	150	145	"	D, S	Fill 2; yellow clay 10; dirty gravel 15; blue clay 50; hardpan 90; loose rock 96; grey soft limestone 185; brown limestone 255. Water from 200 to 255.
Con XV "	L. Ready	"	Apr. 7, 1965	4	9	112	110	"	D	Topsoil 1; yellow clay stones 12; blue clay stones 60; hardpan 8; loose rock 93; hard grey limestone 115; brown limestone 190. Water from 180 to 190.
Con XVI "	R. Adams	A. Heal	Apr. 15, 1965	4	5	40	20	"	D	Topsoil 9; yellow clay 18; blue clay 55; gravel 58; clay 74; sandy clay 87; hardpan 94; rock 96. Water from 94 to 95.
Con XX "	M. McKay	W. Hopper & Sons	Mar. 25, 1965	4	10	78	75	"	D, S	Yellow clay 28; blue clay 64; hardpan 68; brown rock 150. Water from 140 to 150.
Con XX "	R. Coulthard	"	July 8, 1966	36	16	14	6	"	D	Hard yellow clay 10; gravel 16. Water at 10.
Con XX "	E. Dilliot	W. Hopper & Sons	Apr. 30, 1966	4	10	64	58	"	D	Yellow clay 18; sandy clay 45; blue clay stones 95; hardpan 106; brown limestone 150. Water from 140 to 150.
Con XX "	Dr. M. Humphrys	"	July 6, 1966	4	8	75	70	"	D	Sandy clay 10; hardpan 40; blue clay 70; hardpan 94; loose rock 99; brown limestone grey streaks 180. Water from 150 to 180.
MEE "	Public School Board	"	Dec. 23, 1965	6	25	182	170	Sulphur	P	Yellow clay 16; blue clay stones 85; blue clay 110; hardpan 142; brown limestone 235. Water from 210 to 235.
MEE "	Twp. School	"	June 14, 1966	6	30	195	185	"	P	Yellow clay 18; blue clay 65; hardpan 132; brown limestone 215; grey limestone 235; brown limestone 250. Water from 185 to 250.
MEE "	E. Stevens	C. & H. Kerr	Oct. 28, 1965	5 1/2	13	220	194	Fresh	D	Clay 5; stony clay 80; boulder clay 140; dark limestone 200; grey limestone 250. Water at 248.
MEE "	Mennonite Church	R. Hudson	Aug. 15, 1966	36	1	20	20	"	P	Blue clay 20; salt 24; hard blue clay 30. Water at 20.
MEE "	B. Nethercott	"	June 10, 1966	36	2	32	23	"	D	Blue clay 40. Dry hole.
MEE "	J. DeBrbandere	Hadco Well Digging Ltd.	July 31, 1964	30	2	32	23	"	D	Topsoil 1; brown clay rocks 12; grey clay rocks 23; brown sand rocks 27; blue clay rocks 33. Water at 23.

PERTH COUNTY - cont. Blanshard Twp. - cont. NEW									
Lot 21	D.Barber	M.Jones	Mar.18,1964	5	10	200	200	Fresh	D,S
" 5	Pinnie Distrib- utors	W.Hopper & Sons	Mar.16,1965	5	50	87	75	"	S
" 10	C.Fotman	M.Jones	May29, 1967	5	10	100	70	"	D
" 1	G.Hopson	W.Hopper & Sons	Apr.27,1964	4	10	57	55	"	D,S
" 2	R.Rolston	"	Oct. 4,1965	4	10	66	65	"	D,S
" 3	J.Penz	B.Hudson	Sep.11,1965	36	1	35	25	"	D
" 28	St.Mary's Cement Co.Ltd.	C.&H. Kerr	Nov.22,1965	5	15	46	28	"	D,S
" 9	H.Greenstreet	M.Jones	Apr.14,1964	5	8	180	180	"	D
Downie Twp.									
Con I	lot 9	Lone Star Well Digging	Oct.20,1965	30	5	8		Fresh	S
Con I	" 15	M.Hammond	June29,1965	4	10	24	22	"	P
Con I	" 16	D.Purdy	June21,1967	30	1	30	12	"	D
Con I	" 18	M.Seebach	Oct. 8,1965	4	10	29	23	"	D
Con I	" 18	H.Karkbeck	Aug.17,1966	30					
Con I	" 19	H.Malcho	Mar.31,1964	4	9	32	30	Fresh	D
Con I	" 20	W.Eyburgen	Oct.31,1966	4	10	32	26	"	D
Con II	" 6	E.Walters	Aug. 1,1966	5 $\frac{1}{2}$	12	60	40	"	D
Con II	" 6	Rev.J.O'Rourke	June27,1966	4	9	60	55	"	D
Con II	" 25	Arbogast Bros.	Sep.13,1966	4	9	50	35	"	D,S
Con III	" 25	J.Moffat	Nov.26,1965	4	10	32	29	"	D
Con IV	" 1	J.Flannigan	Jan.14,1964	5	7	75	50	"	D,S

Clay stones 60;sand 61;stony clay 86;fine sand 91;clay hardpan 105;stone clay 116;sandy clay 130;fine sand 131;Brown limestone 230. Water at 200.  
 Yellow clay 12;blue clay 20;gravel 24;hardpan 72;loose rock 80;Brown limestone gray streaks 172. Water from 150 to 172.  
 Sandy clay 17;clay hardpan 43;sandy clay 69;Brown limestone 117. Water from 112 to 117.  
 Fill 2;yellow clay 12;blue clay 42;hardpan 68;soft rock 75;Brown limestone 125;gray limestone 160. Water from 140 to 160.  
 Topsoil 1;yellow clay 12;blue clay 60;hardpan 88;loose rock 97;Brown limestone 175. Water from 150 to 175.  
 Brown clay 5;blue clay 20;sandy clay 30;blue clay 35. Water at 20.  
 Sandy clay 5;boulder gravel 30;gray limestone 50;Brown limestone 76;dark brown limestone 117. Water from 112 to 116.  
 Clay 10;gravel stones 18;clay stones 45;sand 49;limestone 200. Water at 196.

Sand 8;gravel 15. Water at 8.  
 Topsoil 1;yellow clay 10;gravel 12;hardpan 84;loose rock 88;Brown limestone 150. Water from 140 to 150.  
 Topsoil 1;Brown clay 12;blue sandy clay 28;gravel 30. Water at 28.  
 Yellow clay 18;blue clay stones 56;hardpan 83;gray rock 135. Water from 125 to 135.  
 Topsoil 6;Brown clay 12;blue clay 30. Dry hole.

Topsoil fill 2;sandy yellow clay 12;blue clay 40;stony hardpan 101;loose rock 104;Brown limestone 155. Water from 145 to 155.  
 Yellow clay stones 18;blue clay stones 42;hardpan 106. Water at 155.  
 Stony brown clay 25;blue clay 47;stony blue clay 116;gray limestone 146. Water at 144.  
 Topsoil 1;sandy clay 14;blue clay 50;hardpan 121;loose rock 126;Brown limestone 160;Brown limestone gray streaks 190. Water from 180 to 190.  
 Yellow clay 10;blue clay 25;hardpan 69;loose rock 75;Brown limestone gray streaks 150. Water from 135 to 150.  
 Fill 3; yellow clay 15;blue clay 30;hardpan 62;loose rock 66;Brown limestone 125. Water from 115 to 125.  
 Clay 60;stony gravel 90;clay 140;gravel 164;rock 168. Water at 168.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS*
(Depths to which formations extend below the surface are given in feet)										
PERTE COUNTY - cont.										
Downie Twp. - cont.										
Con V	1 V. Walker	Hopper Well Drlg.	Aug. 21, 1965	4	10	72	60	Fresh	D	Yellow clay stones 22; blue clay stones 62; sandy clay 98; stones clay 177; grey rock 200. Water from 190 to 200.
Con V	1 S. Sereres	W. Hopper & Sons	Sep. 17, 1965	4	10	93	82	"	D, S	Yellow clay 18; blue clay stones 68; hardpan 125; sandy clay 155; gravel 166; grey limestone 218. Water from 200 to 218.
Con V	4 P. Gibb	Hopper Well Drlg.	Nov. 26, 1967	4	11	67	64	"	D, S	Top clay 7; clay stones 28; gravel 32; clay stones 85; stony hardpan 148; brown limestone 182; white limestone 205. Water from 182 to 205.
Con V	7 S. Pike	I. Davis	July 31, 1964	6 1/2	3	60	46	"	D, S	Cement gravel 129; grey rock 195. Water at 194.
Con VI	2 W. Dill	W. Hopper & Sons	July 7, 1967	4	15	90	70	"	D, S	Yellow clay 19; sand gravel 58; clay stones 95; hardpan 173; grey rock 240. Water at 240.
Con VI	5 J. Warder	"	Apr. 10, 1967	4	10	65	46	"	D, S	Yellow clay stones 16; blue clay stones 86; hardpan 126; grey rock 218. Water from 200 to 218.
Con VII	1 R. Davis	D. & H. Kerr	June 23, 1964	5 1/2	12	65	45	"	D	Stony clay 30; sand 100; large boulder 106; sand 130. Water from 106 to 130.
Con VII	5 R. Dill	W. Hopper & Sons	July 14, 1966	4	10	53	50	"	S	Yellow clay 14; blue clay stones 50; hardpan 134; loose rock 139; brown limestone 210.
Con VIII	10 Dowlie Twp.	"	June 22, 1966	6	20	68	63	"	P	Yellow clay 18; blue clay stones 70; hardpan 134; brown limestone 205. Water from 175 to 205.
Con VIII	10 School Area	"	Jan. 22, 1966	6	20	68	63	"	P	Yellow clay 18; blue clay stones 70; hardpan 134; brown limestone 205. Water from 175 to 205.
Con IX	5 G. Stewart	R. Hudson	Oct. 13, 1967	36	8	14	5	"	D	Clay 5; coarse gravel 6; sand 15. Water at 5.
Con IX	6 L. Henstock	Hacco Well Digging Ltd.	Nov. 28, 1966	30	3	20	8	"	D	Topsoil 1/2; sandy brown clay 4; sand 10; brown clay 11; gravel 12; brown sand 20. Water at 11.
Con IX	18 S.S.#7, Downie	I. Davis	July 6, 1964	6 1/2	4	40	30	"	P	Stones hardpan 95; limestone 123. Water at 120.
Con X	2 J. Hearn	R. Hudson	Sep. 11, 1964	36	5	12	5	"	D	Brown clay 4; gravelly clay 6; hardpan 12; fine gravel 16. Water at 12.
Con X	19 Avonbank Cheese & Butter Factory	Kerr's Well Drlg.	Mar. 22, 1966	8	350	44	20	"	In	Top clay 3; sandy clay 7; stony brown clay 15; stony blue clay 6; grey limestone 218; light grey limestone 318; dark grey limestone 360. Water at 125, 155, 190, 218, 312, 360.
Con XII	10 A. Flutterm	I. Davis	Apr. 27, 1964	6 1/2	15	60	33	"	D, S	Hardpan Gravel 92. Water at 92.
Con XIV	1 C. Sheldon	R. Hudson	Oct. 13, 1967	36	10	8	4	"	D	Clay 4; fine gravel 10. Water at 4.
Con XIV	11 E. Olbach	W. Hopper & Sons	Aug. 16, 1965	4	9	56	55	"	D	Fill yellow clay 12; blue clay 50; hardpan 75; loose brown limestone 8; light brown limestone grey streaks 138. Water from 130 to 138.
Gore Con IV	A R. Packham	"	Nov. 12, 1964	4	10	70	63	"	D	Yellow clay 18; blue clay boulders 86; blue clay 124; hardpan 148; brown limestone 197. Water from 178 to 197.
Gore Con VI	5 A. Tanner	"	Feb. 3, 1964	4	8	88	85	"	D, S	Topsoil fill 3; sandy clay 2; hardpan 100; blue clay 120; hardpan 167; loose rock 174; grey limestone chert 214; black white limestone 227. Water from 215 to 227.
Gore Con VI	7 F. McKay	"	July 20, 1964	4	8	85	80	"	D, S	Topsoil fill 2; yellow clay 15; hardpan 170; loose rock 178; cherty limestone 200. Water from 195 to 200.
Gore Con VII	5 R. Haslop	I. Davis	June 1, 1964	6 1/2	10	61	51	"	D, S	Cement gravel 203; grey rock 250. Water at 248.
Gore Con VII	8 P. Lupton	Steinman & Baird	Aug. 5, 1964	5	18	100	78	"	D, S	Salty brown clay 17; hardpan 72; grey gritty clay 104; gritty hardpan 172; shale 186; greyish brown limestone 211; grey limestone 214. Water at 211.
Gore Con VIII	10 J. Thomson	G. Wallis	May 26, 1964	6 1/2	15	125	96	"	S	Brown sandy clay 19; sandy blue clay 96; sand gravel cemented layers 116; fine sand 121; gravelly blue clay 187; brown limestone 230. Water at 220.

PERTH COUNTY - cont.									
Downie Twp.									
Gore Con IX	lot 9	H. VanNes							
Gore Con X	"	13 M. Vandam							
Gore Con X	"	18 T. Hammond							
Gore Con X	"	19 J. Wagens							
Gore Con X	"	19 W. Kearney							
Gore Con XI	"	16 F. Whaling							
Gore Con XI	"	20 J. Keen							
Gore Con XI	"	21 J. Walsh							
Gore Con XI	"	18 H. Sterkenburg							
Gore OHW	"	3 B. Sterkenburg							
Gore OHW	"	6 T. Jacobs							
Ellise Twp.									
Con I	lot 15	D. Doan							
Con I	"	16 M. Reid							
Con I	"	16 K. Mey							
Con I	"	20 H. Luckhart							
Con II	"	7 T. Willemssen							
Con II	"	20 W. Hoggarth							
Con II	"	25 P. D'Avernas							
Con III	"	6 K. Tuffnail							
Con III	"	16 M. Connelly							
			Feb. 1, 1965	4	10	89	84	Fresh	D, S
		W. Hopper & Sons							
		M. Hooper	May 4, 1964	4	8	85	80	"	D, S
		W. Hopper & Sons	Apr. 18, 1964	4	10	50	50	"	In
		I. Davis	June 14, 1964	6 1/2	10	60	50	"	D
		R. Hudson Well	June 19, 1965	36	6	16	4	"	D
		G. Wallis	Mar. 26, 1964	6 1/2	15	110	94	"	D, S
		W. Hopper & Sons	Aug. 27, 1965	4	10	52	50	"	D
		"	Aug. 11, 1965	4	10	37	36	"	D
		M. Hooper	Feb. 18, 1964	5	5	62	54	"	D, S
		I. Davis	May 21, 1964	6 1/2	10	60	50	"	D, S
		T. Jacobs	July 6, 1964	6 1/2	4	60	50	"	D
		Hopper Well Drlg.	May 16, 1966	4	10	36	29	Fresh	D
		W. Hopper & Sons	Apr. 4, 1964	4	10	15	14	"	D
		Hopper Well Drlg.	Oct. 26, 1967	4	14	25	22	"	D
		N. Steinman	Apr. 14, 1966	4	18	38	31	"	D
		W. Hopper & Sons	Jan. 5, 1967	5	10	65	58	"	D
		"	Nov. 5, 1966	4	10	16	14	"	D
		"	May 4, 1967	4	10	65	60	"	D, S
		Hopper Well Drlg.	Sep. 9, 1967	5	25	55	50	"	D, S
		W. Hopper & Sons	Oct. 13, 1964	4	10	25	22	"	D, S
Yellow clay 26; blue clay stones 106; hardpan 115; gravel 120; hardpan 170; brown limestone 224. Water from 200 to 224. Fine red sand 47; grey hardpan fine sand 130; fine sand blue clay 179; hard brown limestone 200. Water at 200. Sandy clay 10; fine gravel 15; blue clay 60; hardpan 95; gravel 99; loose rock 103; brown limestone 160; grey limestone 170. Water from 150 to 170. Clay gravel 50; cement gravel 100; grey rock 157. Water at 155. Topsoil 1; clay stones 4; sand gravel 8; blue clay 12; quicksand 16; brown clay 18. Water at 4. Light brown sand 22; blue clay 84; slightly gravelly blue clay 101; blue clay 130; sand gravelly blue clay 180; brown limestone 250. Water at 197. Topsoil 1; yellow clay 10; blue clay 60; hardpan 90; loose rock 94; brown limestone 180. Water from 165 to 180. Sand 16; hardpan 70; loose brown limestone 101; brown limestone Grey streaks 175. Water from 160 to 175. Topsoil dark sand 4; blue clay stones 81; sand fine gravel 83; blue clay coarse gravel 99; brown hard limestone. Water at 117. Clay stones 100; cement gravel 140; soft white rock 180. Water at 175. Brown clay 15; cement gravel stones 115; limestone. Water at 115.									
Yellow clay stone 18; blue clay 68; hardpan 95; brown limestone 155. Water from 140 to 155. Yellow clay 10; gravel 15; blue clay 70; hardpan 91; brown limestone 160. Water from 145 to 160. Top clay 4; clay stones 24; gravel 29; clay stones 83; dark brown limestone 136; light brown limestone 149. Water from 136 to 149. Clay 7; sand 9; clay 63; gritty clay 83; dirty gravel 86; gritty clay 104; brown limestone 121. Water from 15 to 121. Yellow clay 18; blue clay stones 80; gravel 84; hardpan 139; brown limestone 190. Water from 176 to 190. Yellow clay stones 22; blue clay stones 68; hardpan 95; brown rock 150. Water from 140 to 150. Yellow clay 32; blue clay stones 85; hardpan 124; grey rock 165. Water at 165. Yellow clay 5; clay stones 38; hardpan stones 75; clay stones 123; light brown limestone 190; grey limestone 215. Water from 190 to 213. Fall 2; yellow clay 10; blue clay 4; hardpan 96; loose rock 101; brown limestone 155. Water from 145 to 155.									

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Ellice Twp. - cont.										
Con III lot 17	J. Herold	W. Hopper & Sons	Apr. 12, 1964	4	10	24	22	Fresh	D, S	Topsoil fill 2; yellow clay 10; blue clay 53; hardpan 98; loose rock 101; brown limestone 160. Water from 150 to 160.
Con III "	B. Trethewey	Hopper Well Drig.	Oct. 24, 1967	4	25	28	20	"	D, S	Top clay 5; blue clay 6; gravel 7; hardpan 82; white limestone 90; light brown limestone 133; light grey limestone 158. Water from 135 to 158.
Con III "	J. Timmerman	W. Hopper & Sons	July 21, 1966	4	10	6	4	"	D, S	Yellow clay 18; blue clay 58; gravel 63; hardpan 75; brown rock 135. Water from 120 to 135.
Con IV "	N. Chambers	"	Feb. 4, 1965	4	10	66	58	"	D	Topsoil fill 4; sandy clay 12; yellow clay stones 34; blue clay stones 58; gravel boulders 64; blue clay stones 125; hardpan 163; brown limestone 215. Water from 195 to 215.
Con IV "	E. Dill	"	Jan. 29, 1966	4	10	44	38	"	D, S	Stones clay 18; blue clay 89; hardpan 147; brown rock 203. Water from 180 to 203.
Con VI "	Kinkora Separate School	"	Aug. 30, 1965	4	15	60	17	"	P	Yellow clay stones 28; blue clay stones 58; gravel 64; hardpan 83; brown rock 130. Water from 120 to 130.
Con VII "	Ellice Twp. School	Hopper Well Drig.	Sep. 14, 1967	6 1/2	29	55	48	"	P	Top clay 9; clay stones 27; blue clay 55; hardpan stones 121; light brown limestone 190; dark brown limestone 220; grey limestone 242. Water from 200 to 242.
Con VII "	C. Gansseville	W. Hopper & Sons	May 31, 1967	4	8	30	25	"	D	Topsoil 1; yellow clay 10; blue clay 85; hardpan 77; loose rock 84; yellow limestone 135. Water from 120 to 135.
Con X "	W. Zurell	Hopper Well Drig.	Sep. 23, 1967	4	12	62	55	"	D	Top clay 7; blue clay 35; hardpan 115; brown limestone 140; grey limestone 159. Water from 140 to 159.
Con X "	L. Morrison	P. Jackson	Jan. 23, 1964	4	18	25	14	"	D, S	Open well 15; blue clay 40; clay grit 90; limestone 93. Water at 91.
Con X "	W. Kenny	C. Keeso	Sep. 3, 1964	4	10	32	32	"	D, S	Clay gravel 54; sandy clay gravel 63; brown shale 96; brown limestone 145. Water from 140 to 145.
Con X "	A. VanNyatten	R. McPherson Drig. Ltd.	Sep. 6, 1967	4	40	25	15	"	S	Yellow clay 10; sand 25; blue clay 85; muddy brown limestone 90; grey limestone 124. Water at 120.
Con XI "	J. Dunsmore	Hopper Well Drig.	Sep. 26, 1967	4	13	35	33	"	D, S	Top clay 4; sand 16; clay stones 47; hardpan 124; dark brown limestone 160; brown limestone 184. Water from 160 to 184.
Con XI "	J. Morrison	P. Jackson	Jan. 21, 1964	4	18	28	18	"	D	Clay loam 5; hardpan 15; blue clay grit 40; clay boulders gravel 104; limestone 123. Water at 106.
Con XII "	B. Deputis	P. Straus	Nov. 4, 1965	5	12	43	40	Sulphur	N	Fill 3; clay 90; hardpan 122; rock 144. Water at 144.
Con XII "	M. Ross	W. Hopper & Sons	Nov. 18, 1965	5	9	40	34	Fresh	D, S	Topsoil 2; brown clay 80; hardpan 116; brown rock 138. Water from 30 to 138.
Con XVI "			Sep. 28, 1964	4	9	40	34	"	D, S	Topsoil 1; yellow clay 12; blue clay 16; gravel 18; blue clay 60; hardpan 163; rock 165; grey brown limestone 200. Water from 194 to 200.
Elma Twp.										
Con I lot 14	Campbell Soup Co.	C. Keeso	Oct. 26, 1964	4 1/2	15	35	31	Fresh	S	Sandy brown clay 80; brown limestone 139. Water at 138.
Con I "	"	"	Feb. 15, 1964	4	22	35	32 1/2	"	S	Topsoil 4; clay 38; hardpan 56; sandy clay 70; shale 89; brown rock 185; white limestone 200. Water from 185 to 200.
Con I "	"	"	Oct. 8, 1964	4	18	27	27	"	S	Fill 10; clay 50; brown shale 82; hard blue limestone 172. Water from 168 to 172.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Elma Twp. - cont. Con X lot 36	C.Steckly	Ledco Drilg. & Exploration Co. C.Keeso	June 16, 1967	4	8	55	30	Fresh	D	Clay rocks 78; light brown rock 125. Water at 88 and 120.
Con XII	W.Burgett & N.Montague	"	Sep. 1, 1966	4	14	6	4	"	In	Topsoil 4; blue clay 35; gravel clay 100; blue clay 214; shale 220; blue limestone 239. Water from 230 to 239.
Con XII	N.Montague	"	Jan. 17, 1964	4	18	4	4	"	S	Dug well 25; clay boulders 58; brown shale 89; brown limestone 131. Water from 120 to 131.
Con XIV	I.Fsoes	"	May 29, 1967	4	15	17	16	"	D,S	Topsoil 4; blue clay 50; sandy clay 80; brown shale 90; brown limestone 116. Water from 112 to 116.
Con XIV	P.Connolly	W.Hopper & Sons	June 23, 1965	4	10	6	3	"	D,S	Yellow clay 16; blue clay stones 46; sand gravel 59; brown rock 120. Water from 110 to 120.
Con XV	K.Vanderdurg	C.Keeso	July 14, 1967	4	20		Flows	"	S	Topsoil 3; blue clay sandy clay 80; shale 54; brown limestone 183. Water from 175 to 183.
Con XVI	P.McKenzie	"	Aug. 4, 1964	4	14	22	20	"	D,S	Top soil 3; clay 40; gravelly clay 58; hardpan 76; shale 88; brown limestone 125. Water from 118 to 125.
Con XVII	K.Vanderdurg	"	Feb. 13, 1967	4	16	15	14	"	S	Topsoil 4; blue clay 48; sandy clay 75; soft brown shale 112; brown limestone 160. Water from 150 to 160.
Con XVII	L.Diehl	W.Hopper & Sons	June 20, 1964	4	10	30	28	"	D,S	Topsoil 2; yellow clay 24; blue clay stones 76; hardpan 96; brown limestone 133. Water from 130 to 133.
Con XVIII	Monkton Post Office	"	June 16, 1964	4	10	13	12	"	P	Fill 3; dirty gravel 10; blue clay 25; hardpan 65; loose rock 70; brown limestone 100. Water from 90 to 100.
Con XVIII	K.Rennick	C.Keeso	May 27, 1965	4	10	13	13	"	P	Sandy clay gravel 50; brown shale 89; brown limestone 124. Water at 124.
Con XVIII	H.Smith	"	June 2, 1967	4	15	18	16	"	D	Dug well 18; hardpan 40; sandy hardpan 70; brown shale 83; brown limestone 108. Water from 100 to 108.
Con XVIII	N.Emgel	"	Mar. 14, 1966	4	15	17 1/2	13	"	D	Topsoil 5; blue clay 32; hardpan 58; sandy clay 74; shale 88; brown limestone 107. Water from 100 to 107.
Con XVIII	R.Shine	"	Nov. 11, 1966	4	15	18	16	"	D,S	Dug well 12; blue clay 60; sandy hardpan 80; brown shale 88; brown limestone 112. Water from 100 to 112.
Fullarton Twp. Con I lot 6	E.Boville	W.Hopper & Sons	Apr. 18, 1966	4	10	74	29	Fresh	D,S	Topsoil 1; yellow clay 12; blue clay 40; hardpan 79; loose rock 82; brown limestone 145; brown limestone chest 150. Water from 140 to 150.
Con I	W.Barley	"	Oct. 12, 1965	4	10	22	18	"	D	Yellow clay stones 34; hardpan 73; brown limestone 120. Water from 100 to 120.
Con II	M.Peltz	"	July 23, 1965	4	10	50	48	"	D,S	Topsoil 1; yellow clay 12; blue clay 15; gravel 16; blue clay 70; hardpan 88; loose yellow limestone 96; light brown limestone 120. Water from 110 to 120.
Con II	A.Poster	"	Apr. 29, 1964	4	10	34	32	"	D	Top clay 7; clay stones 40; blue clay 86; hardpan 102; gravel 109; shale 137; brown limestone 147. Water from 127 to 147.
Con III	B.Greb	Lone Star Well Digging	June 23, 1967	30	3	20	15	"	D	Clay 20; coarse gravel 22. Water at 20.
Con III	H.Latt	W.Hopper & Sons	Oct. 5, 1964	4	10	65	60	"	D,S	Yellow clay stones 26; blue clay 42; gravel 57; blue clay stones 67; brown rock 150. Water at 150.
Con III	J.Bos	"	Apr. 7, 1964	4	10	62	60	"	D,S	Top clay 7; clay stones 34; blue clay stones 85; hardpan 107; limestone boulder clay 138; yellow limestone 176. Water from 160 to 170.

PERTH COUNTY - cont.									
Fullerton Twp. - cont.									
Con IV	lot 9	A. Maschre	W. Hopper & Sons	Nov. 11, 1966	4	7	66	64	Fresh
Con V	" 5	W. Seebach	"	May 14, 1965	4	10	42	40	"
Con VI	" 5	A. Lubbers	"	Sep. 15, 1965	4	10	62	50	"
Con VI	" 7	G. Mitchell	"	Dec. 9, 1964	4	10	37	35	"
Con VII	" 6	F. Knott	"	May 28, 1964	4	10	41	40	"
Con IX	" 15	D. Davis	"	May 11, 1966	4	8	185	180	"
Con XII	" 19	C. Burrill	Hanco Water Well Drig. Ltd.	Aug. 17, 1964	4	4	285	270	"
REE	" 13	P. Pelling	R. McPherson Drig. Ltd.	Oct. 4, 1967	4	20	80	70	"
REE	" 25	Grest Star Farms	W. Hopper & Sons	Nov. 12, 1965	6½	15	157	150	"
REW	" 6	C. Walkom	"	May 15, 1964	5	8	137	136	"
REW	" 12	L. Friede	R. Hudson	Oct. 6, 1962	36	2	25	23	"
REW	" 12	R. Richardson	W. Hopper & Sons	Mar. 9, 1965	4	10	113	110	"
REW	" 12	Twp. Fullerton	"	June 20, 1966	4	11	77	75	"
REW	" 16	N. Selves	R. Hudson	June 15, 1965	36	7	10	26	"
THN	" 35	R. Martyn	"	Oct. 12, 1967	36	60	6	3	"
Hilbert Twp.	lot 1	Mitchell Fertilizer & Supply Ltd.	W. Hopper & Sons	Aug. 26, 1966	4	10	56	52	Fresh
Con I	" 15	A. W. & R. Ryans	"	June 20, 1967	4	8	40	35	"
Con I	" 20	E. McGrath	"	July 15, 1966	4	10	32	28	"
Con I	" 23	A. Cronin	"	June 5, 1967	4	9	45	37	"

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Hibbert Twp. - cont. Con I	lot 24									
	" 25	J. Ryan	Nov. 26, 1964	4	12	48	14	Fresh	D	Full 51 blue clay grit 45; gravel blue clay stones 65; bedrock limestone 68. Water at 66.
	Con I	J. Sloan	July 29, 1964	4	12	21	11	"	D	Full clay 3; clay grit 40; stone false rock 66; limestone 75. Water at 70.
	Con I	"	Mar. 16, 1964	4	18	22	12	"	D	Clay topsoil 4; hardpan 15; blue clay boulders 43; clay grit 48; limestone black specks 60. Water at 50.
	Con II	W. Hopper & Sons	Sep. 19, 1964	36	2	26	15	"	D, S	Brown clay 15; blue clay 26; coarse gravel 28. Water at 26.
	Con III	J. McNeheere	Aug. 6, 1964	4	10	28	14	Sulphur	D, S	Dug well 49; sandy shale 80; white limestone 94. Water at 94.
	Con IV	C. Keeso	Aug. 21, 1964	4	10	13	12	"	D, S	Hardpan boulder 34; brown shale 52; brown limestone 120. Water from 110 to 120.
	Con V	A. Harris	Sep. 30, 1965	4	10	96	88	"	D, S	Yellow clay 18; blue clay stone 24; gravel 27; clay stones 83; hardpan 102; grey limestone 189. Water from 175 to 189.
	Con V	R. Balfour	Aug. 5, 1964	4	10	134	80	Fresh	D	Clay loam 2; blue clay grit 49; boulders clay grit 100; sandstone false rock 122; limestone 169. Water at 140.
	Con V	W. Hopper & Sons	July 8, 1964	4	10	146	140	"	D, S	Yellow clay 28; blue clay stones 98; gravel 106; hardpan 167; grey limestone 220. Water from 200 to 220.
	Con V	"	Sep. 2, 1966	5	10	55	45	Sulphur	D, S	Yellow clay 20; blue clay 58; gravel 64; blue clay stones 105; hardpan 151; brown limestone 225. Water from 215 to 225.
	Con VI	"	July 8, 1965	4	8	170	165	Fresh	D, S	Yellow clay 16; blue clay stones 58; hardpan 81; brown rock 195. Water from 165 to 195.
	Con VII	Lone Star Well Digging	July 6, 1964	30	2	23	20	"	S	Brown clay 23; coarse gravel 25. Water at 23.
	Con VIII	B. Hudson	Oct. 19, 1964	36	1	16	6	"	C	Clay 6; sandy clay 10; blue clay sandy streaks 18. Water at 6.
	Con X	A. Gardiner	Nov. 7, 1964	36	10	16	4	"	D, S	Brown clay 4; blue clay 17; gravel 18. Water at 17.
	Con XII	E. Hussey	July 31, 1964	4	2	223	205	"	D, S	Yellow clay stones 25; dirty gravel sand 57; brown caving limestone 70; hard brown limestone 85; porous brown streaks black shale 101; caving limestone 206; soft brown limestone 227; soft grey limestone 231; soft brown limestone 233. Water from 227 to 231.
Logan Twp.	lot 4									
	Con I	R. Watt	Nov. 22, 1966	4	13	21	20	Fresh	D, S	Top clay 3; blue clay 40; hardpan stones 67; light brown limestone 96; grey limestone 108. Water from 98 to 108.
	Con I	R. Atkins	July 8, 1964	4	12	60	50	"	D	Black loam 2; hardpan 15; blue clay grit 140; false rock 144.
	Con II	D. Campbell	Nov. 4, 1964	4	10	48	38	"	D, S	Blue clay 28; blue clay stones 86; hardpan 113; brown rock 150. Water from 140 to 150.
	Con II	M. Rose	Oct. 21, 1967	4	12	48	46	"	D, S	Top clay 7; clay stones 28; blue clay 53; hardpan stones 75; light grey limestone 126; brown limestone 144. Water from 126 to 144.
	Con IV	H. Ackmeyers	Jan. 14, 1967	4	10	20	11	"	D, S	Yellow clay 4; blue clay 46; sand 52; hardpan 76; brown limestone 130. Water from 115 to 130.
	Con VI	W. Hall	June 23, 1964	8	300	39	19	"	Ir	Top clay 14; clay stones 29; blue clay 38; hardpan 57; cemented gravel 64; light brown limestone 89; white limestone 140; grey limestone 240; brown limestone 270; white limestone 318. Water from 72 to 74 at 140 and 318.
	Con VII	P. Horn	Sep. 10, 1966	4	10	28	23	"	D	Yellow clay 16; blue clay stones 50; hardpan 76; brown rock 110. Water from 100 to 110.

PERTH COUNTY - cont. Logan Twp. - cont. Con VII lot 15	H. McNaughton	P. Jackson	June 24, 1964	4	12	35	22	Fresh	D	clay fill 3; hardpan 15; clay grit 69; gravel 77. Water at 35 and 69.
Con VII "	B. Hill	W. Hopper & Sons	July 18, 1966	4	10	24	23	"	D, S	yellow clay 16; blue clay 66; brown rock 135. Water from 120 to 135.
Con VIII "	J. Hagarty	"	Nov. 1, 1967	4	15	24	20	"	D, S	top clay 5; clay stones 19; gravel 25; hardpan 58; light brown limestone 78; brown limestone 97; light brown limestone 123. Water from 97 to 123.
Con IX "	P. Dwyer	"	Aug. 27, 1965	4	10	29	26	"	D, S	Top clay 5; clay stones 34; gravel 37; blue clay 59; hardpan stones 90; cemented gravel 56; light brown limestone 112; brown limestone 129. Water from 112 to 129.
Con IX "	A. Trentowsky	"	Apr. 9, 1966	4	10	46	44	"	D	Topsoil 1; yellow clay 10; blue clay 35; hardpan 45; gravel 47; hardpan 82; loose rock 85; brown limestone 145. Water from 130 to 145.
Con X "	H. Elligson	"	Jan. 17, 1964	4	10	22	18	"	D, S	Boulders clay 9; clay sand 27; coarse gravel 32; hardpan 58; gravel 61; brown rock 132. Water from 126 to 132.
Con XI "	A. VanHerk Sr.	"	Nov. 18, 1967	4	20	29	15	"	D, S	Top clay 7; hardpan 40; blue clay 62; cemented gravel 68; light brown clay 115; dark brown limestone 138. Water from 115 to 138.
Con XI "	H. Bauer	"	Jan. 23, 1964	4	10	20	18	"	D, S	Topsoil fill 2; yellow clay 10; blue clay 20; sandy clay 40; hardpan 48; gravel 56; loose limestone 62; brown limestone 100. Water from 80 to 100.
Con XII "	Connolly Bros	C. Kesso	Jan. 27, 1964	4	12	16	15	"	D, S	Topsoil 2; blue clay 40; hardpan gravel 74; brown shale 80; brown limestone 120. Water at 120.
Con XII "	W. Osborn	P. Jackson	Jan. 15, 1964	4	18	15	15	"	D	Open well 28; clay false rock 43; limestone 61. Water at 48.
Con XII "	E. Osborn	"	Jan. 25, 1964	4	12	45	17	"	D	Fill 5; clay grit 25; clay false rock 40; limestone 76. Water at 65.
Con XIV "	S. Broughton	C. Kesso	May 20, 1965	4	12	20	19 1/2	"	D, S	Topsoil 2; sandy clay 81; brown shale 98; brown limestone 142. Water at 138 and 142.
Con XVI "	K. Priestap	"	June 30, 1967	4	15	11	10	"	D, S	Topsoil 5; blue clay 55; hardpan 70; sandy shale 88; brown limestone 121. Water from 112 to 121.
Con XVI "	W. Osborn	"	Nov. 16, 1966	4	18	22	18	"	D, S	Topsoil 3; blue clay boulders 44; brown shale 76; brown limestone 132. Water from 125 to 132.
Milverton, Village of	Vlg. Milverton	G. Davidson	Apr. 5, 1965	10	121	116	38	Fresh	P	Brown clay stone 10; clay 22; sand 28; clay 46; sand 88; sand stones 102; hardpan 114; soft light brown rock 136; medium hard light brown rock 150; loose light brown rock 151. Water at 150 and 151.
Mitchell, Town	F. U. C.	International Water Supply Ltd.	Oct. 9, 1967	12	675	65	20	Fresh	P	Fill 2; topsoil small boulders 6; hard clay gravel boulders 21; hard clay gravel 40; broken brown limestone 55; brown limestone 95; brown limestone soft streaks 125; brown darker limestone 154; brown limestone 145; grey limestone 150; brown limestone 180. Water from 55 to 180.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST LEVEL G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Morrington Twp.										
Con I lot 11	K.Jacobs	P.Straus	June 21, 1966	5	12	93	61	Fresh	D, S	Brown clay 94; hardpan 111; brown clay 134; hardpan 154; dirty sand 160; gravel 163. Water at 160.
Con I "	I. Roos	Steinman & Baird	July 7, 1964	4	15	48	42	"	D, S	Brown clay 28; grey clay 85; hardpan 161; shale slabs clay 176; brown clay 274; gravel 309; clay 312. Water at 312.
Con I "	E. Schlottzhauser	C. Keeso	Aug. 25, 1964	4	14	50	48	"	D, S	Topsoil 3; blue clay 95; sand 184; white limestone 238. Water from 224 to 238.
Con II "	L. Diehl	W. Hopper & Sons	June 29, 1964	4	6	45	40	"	D, S	Topsoil gravel 2; yellow sand 10; dirty gravel 25; blue clay 45; hardpan 115; loose rock 120; brown limestone 160; grey limestone 175. Water from 160 to 175.
Con II "	B. Jacobs	McLaughlin Water Wells & Supply	May 18, 1967	5	5	175	25	"	D	Topsoil 1; grey clay hardpan 70; hardpan 95; brown clay streaks sand 135; hardpan 175; grey quicksand clay 195; brown quicksand 215; coarse sand 220; sand gravel 224. Water from 220 to 224.
Con II "	T. Boulston	Hadco Well Drils. & Digging	May 15, 1967	30	4	27	7	"	D	Brown clay 2; brown sand 14; blue clay 22; gravel 24; blue clay 30. Water at 10 and 22.
Con III "	E. Jantzi	P. Straus	Oct. 30, 1967	5	15	55	40	"	D	Brown clay 144; dirty sand 147; brown clay 196; hardpan 206; sand 211; clay 214. Water from 206 to 211.
Con III "	D. Gascho	Hadco Well Drilling Ltd.	Nov. 22, 1966	5	10	40	32	"	D	Brown clay 17; blue clay 59; sand 63; gravel 70. Water at 70.
Con III "	A. Albrecht	Steinman & Baird	July 31, 1964	5	12	75	47	"	D, S	Brown clay 14; grey clay 56; gritty grey clay hardpan 92; grey clay 135; gravel 136; brown clay 146; brown shale 148; brown limestone 156. Water from 154 to 156.
Con III "	H. Mayberry	"	Apr. 13, 1964	5	12	47	44	"	D	Brown clay 27; grey clay 57; hardpan 88; gritty hardpan gravel 92; gravel 94. Water at 94.
Con III "	A. Jantzi	"	July 16, 1964	5	15	50	45	"	D, S	Brown clay 17; grey clay 50; hardpan 74; grey clay 92; gritty clay 95; gravel 97; hardpan 101; gravel 102. Water from 101 to 102.
Con V "	P. Gerber	McLaughlin Water Well Supply Ltd.	Feb. 22, 1967	5	10	90	45	"	D, S	Old dug well 14; clay 75; clay stones 114; limestone 125; brown limestone 128. Water from 125 to 128.
Con V "	E. Bancroft	C. Keeso	Sep. 17, 1964	4	10	35	35	"	D, S	Topsoil 2; clay 48; hardpan boulders 103; brown shale 140; brown limestone 174. Water from 170 to 174.
Con VI "	S. Bowman	"	Aug. 15, 1966	4	15	38	37	"	D	Topsoil 5; blue clay 50; sandy clay 87; gravel hardpan 120; sandy shale 155; white limestone 180. Water from 170 to 180.
Con VI "	S. Lichty	G. Davidson	Nov. 24, 1965	4	12	37	31	"	D	Clay 23; hardpan stones 70; coarse gravel 182. Water at 82.
Con VI "	W. Campbell	"	Mar. 8, 1966	4	12	30	22	"	D	Blue clay 67; fine gravel 88. Water at 88.
Con VI "	L. Erb	W. Hopper & Sons	May 3, 1967	4	8	30	25	"	D	Yellow clay 15; dirty gravel 24; blue clay 80; hardpan 130; loose rock 135; brown limestone 190. Water from 180 to 190.
Con VII "	Twp. Morrington	P. Straus	Mar. 7, 1966	5	12	42	20	"	P	Topsoil 2; clay 15; sandy clay 18; red clay 61; hardpan 83; gravel 84. Water from 83 to 84.
Con VII "	E. Schultz	C. Keeso	May 15, 1967	4	18	36	34	"	S	Topsoil 4; blue clay 50; stones hard clay 100; hardpan gravel 150; stones shale 160; rock 177. Water from 170 to 177.
Con VII "	E. Kuepfer	Steinman & Baird	July 6, 1965	5	9	70	22	"	D, S	Brown clay 13; stony hardpan boulders 54; small streak gravel gritty grey clay 76; silty grey clay 84; brown salt 86; grey silty clay 107; hard grey clay 137; sandy gravel fine gravel 140. Water at 54 and from 137 to 140.
Con VII "	J. Kipfer	N. Steinman	May 1, 1967	5	15	24	19	Fresh	D, S	Clay 37; sandy clay 46; sand 53. Water from 48 to 53.
Con VII "	J. Dunbar	Ledco Drig. & Exploration Co.	June 14, 1967	4	10	70	65	"	D, S	Clay rocks 154; blue shale 210; brown limestone layers shale 233. Water at 233.



PERTH COUNTY - cont.											
Northampton Twp. - cont.											
Con VII	lot 18	J. Dunbar	Ladco Drlg & Exploration Co. G. Davidson	June 14, 1967	4	10	70	65	Fresh	D,S	Clay rocks 154; blue shale 210; brown limestone layers shale 233; Water at 233.
Con VII	"	Conservative Mennonite Church	"	Feb. 16, 1965	4	10	65	55	"	P	Clay stones 28; quicksand 72; hardpan stones 114; sand 124; hardpan stones 162; greenish blue soft shale 192; brown soft rock 215. Water at 215.
Con VIII	"	R. Jack	"	Dec. 28, 1965	4	10	60	55	"	S	Brown clay 16; blue clay 29; stony hardpan 40; gravelly hardpan stones 122; shale grey brown soft 128; blue soft rock 148; brown hard rock 168; light brown medium hard rock 187. Water at 187.
Con VIII	"	H. Albrecht	"	Jan. 26, 1966	4	10	55	50	"	D,S	Brown clay 48; sand and gravel 65; stony hardpan 82; hardpan sand gravel 102; hardpan 112; blue soft shale 129; dark brown hard rock 142; light brown soft rock 178. Water at 178.
Con IX	"	H. Kuepfer	Steinman & Baird	Sep. 2, 1965	4	15	75	50	"	D,S	Clay 6; sand 29; clay 59; hardpan 118; gritty hardpan brown limestone 139; red clay shale limestone 168; brown limestone 173. Water from 170 to 173.
Con XI	"	S. Steckly	McLaughlin Water Wells & Supply Ltd.	July 17, 1964	5	15	58	56	"	D,S	Topsoil 3; blue clay 57; hardpan 85; red clay 110; hardpan 163; Gravel 166. Water at 166.
Con XI	"	"	Hadco Well Digging Ltd.	June 19, 1964	30	10	57	55	Fresh	D	Hard brown clay rocks 30. Dry hole.
Con XII	"	L. Riley	C. Kesso	Mar. 23, 1964	4	10	69	59	"	D,S	Drive way 1; clay 76; hardpan 91; clay 156; hardpan 181; clay boulders 218; blue rock 250. Water from 240 to 250.
Con XII	"	C. Knoblauch	P. Straus	Aug. 4, 1966	5	12	60	60	"	D	Topsoil 1; blue clay 90; gravelly clay 140; brown shale 152; brown limestone 170; white limestone 176. Water from 170 to 176.
Con XIII	"	G. Knobland	C. Kesso	July 26, 1967	4	15	61	54	"	D	Topsoil 2; white clay 158; brown shale 168; brown limestone 200; blue limestone 213. Water from 208 to 213.
Con XIII	"	A. Kraemer	"	May 7, 1964	4	12	50	48	"	D	Topsoil 1; blue clay 50; sandy clay 116; shale 138; blue limestone 173. Water from 170 to 175.
Con XIV	"	C. Dietrick	"	Oct. 6, 1965	4	15	49	49	"	D	Topsoil 1; blue clay 90; sandy clay 130; hardpan 145; shale 160; white limestone 179. Water from 170 to 179.
Con XIV	"	R. Thompson	"	Mar. 7, 1967	4	18	58	55	"	D	Topsoil 3; clay boulders 104; brown shale 160; brown limestone 234. Water at 234.
Con XIV	"	D. Bowman	"	Mar. 12, 1964	4	18			"	D	
North Easthope Twp.											
Con I	lot 18	L. Schottroff	Kerr's Well Drlg.	Aug. 11, 1964	4	15	80	61	Fresh	D,S	Clay 97; sand clay 148; hardpan 232; limestone 246. Water from 240 to 246.
Con I	"	A. Kebbel	W. Hopper & Sons	May 27, 1967	4	10	37	32	"	D	Yellow clay stones 20; blue clay stones 130; gravel clay 145; hardpan 183; grey rock 207. Water at 207.
Con I	"	H. Trachsel	Steinman & Baird	Aug. 14, 1964	4	10	72	40	"	D,S	Brown clay 20; grey silty clay stones 110; gravelly silty clay 140; pink clay 145; silty gravelly clay 185; sandy gravel 192; brown grey limestone 200. Water from 195 to 200.
Con I	"	L. Listman	I. Davis	July 20, 1964	6 1/2	10	5	30	"	D	Gravel stoner 84. Water at 83.
Con I	"	M. Jones	McLaughlin Water Wells & Supply	May 19, 1965	6 1/2	10	75	45	"	D	Topsoil 2; clay sand 10; clay 35; clay sand 75; hardpan 88; gravel 89. Water at 89.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. North Eastlope Twp.-cont. Con I lot 36 C. Mclyneux		W.Hopper	Apr.21,1967	4	10	66	46	Fresh	D	Yellow clay stones 18;blue grey clay stones 110;hardpan 196; gravel 199;grey rock 250. Water from 240 to 250.
Con I " 37 J.Bruce		I.Davis	June26,1964	6 1/2	3	12	31	"	D	Brown clay 30;sand 40;gravel 51. Water at 52.
Con I " 39 O.Schenk		W.Hopper & Sons	May 21,1964	4	10	55	50	"	P	Topsoil 1;yellow clay 15;blue clay 60;hardpan 175;loose rock 180;brown limestone 210;grey brown limestone 220. Water from 210 to 220.
Con I " 41 J-Sebben		"	Aug.13,1965	4	10	75	63	"	D	Top clay 5;sand 9;clay stones 97;gravel 104;stones hardpan 171 brown limestone 198;light brown limestone 228. Water from 205 to 228.
Con II " 1 H.Niebergell		C.&H. Kerr	Feb. 5,1964	5 1/2	12	53	47	"	D,S	Brown clay 47;sand 63;sandy clay 138; gravel clay 151;grey limestone 177. Water at 177.
Con II " 7 W.Eckstein		McLeuchlin Water Well Supply Ltd.	Mar. 5,1965	5	5	95	24	"	D,S	Topsoil 2;clay sand 12;clay 95;quicksand 98;clay hardpan 100; quicksand 105;clay hardpan 100;quicksand 105;clay hardpan 133; hardpan gravel 136;gravel 140. Water at 139.
Con II " 39 P.Baker		W.Hopper & Sons	Nov.23,1964	4	10	57	48	"	D,S	Yellow clay 18;blue clay sand 45;blue clay stones 37;hardpan 133;grey rock 180. Water from 170 to 180.
Con II " 45 H.Mallon		"	Dec. 4,1964	4	10	60	58	"	P	Yellow clay 18;blue clay 47;clay stones 88;hardpan 122;brown limestone 184. Water at 184.
Con III " 11 R.Hoffman		G.Wellis	Jan.14,1964	6 1/2	15	90	42	"	D,S	Light brown sandy soil 3;sandy grey clay 46;fine brown sand 66;gravelly blue clay 108;layer grey clay running sand 144; cemented sand gravel 161;gravelly black clay 172;gravelly blue clay 205;brown limestone 220. Water at 216.
Con III " 32 H.Vangestel		W.Hopper & Sons	Oct.30,1964	4	10	52	47	"	D,S	Blue clay stones 62;sand 75;clay stones 134;hardpan 166;grey rock 225. Water at 225.
Con III " 33 M. Simpson		"	July23,1964	4	10	55	45	"	D,S	Topsoil 1;clay 5;sand 14;yellow clay 29;blue clay stones 115; hardpan 158;grey limestone 208. Water at 208.
Con III " 33 P.Schmidt		"	Dec.17,1964	4	10	64	60	"	D,S	Yellow clay stones 24;sand clay 47;blue clay 85;blue clay stones 145;hardpan 170;brown rock 200. Water from 190 to 200.
Con III " 45 H.Sproule		Hadoo Well Digging Ltd.	Aug. 3,1966	30	2	17	6	"	D	Topsoil 6;brown clay 9;blue clay 14;grey sand 16;fine gravel 20. Water at 16.
Con IV " 20 P.Jackson		E.Jackson	June14,1965	4	10	110	100	"	D	Yellow clay stones 18;blue clay stones 85;blue clay sand 195; hardpan 270;grey rock 288. Water from 280 to 288.
Con IV " 24 D.Marguette		N.Steinman	Aug.23,1967	5	Flows	Flows	Flows	"	D	Brown sandy gritty clay 14;grey clay 62;sand gravel 74;gravel 88. Water from 84 to 88.
Con IV " 31 R.Barnes		W.Hopper & Sons	June 7,1965	4	10	54	46	"	D	Yellow clay 26;blue clay stones 85;sand 115;hardpan 208;brown limestone 239. Water at 236.
Con IV " 34 M.Cook		R.McPherson Drlg. Ltd.	Sep.19,1967	4	6	70	50	"	D,S	Topsoil 4;yellow clay 35;blue clay 85;gravel stones 130; muddy brown limestone 148;brown limestone 185;grey limestone 225. Water from 215 to 222.
Con IV " 36 E.Dill		W.Hopper & Sons	Oct.16,1965	4	9	75	70	"	D,S	Topsoil 1;yellow clay 12;blue clay 90;hardpan 187;loose rock 190;brown limestone 235. Water from 225 to 235.
Con V " 18 A.McMillan		G.Wallis	Nov.25,1964	6 1/2	15	200	96.	"	S	Brown clay stones 18;blue clay 34;fine grey sand 47;brown fine sand 65;blue clay 140;grey sandy silt 160;blue clay 190; gravelly blue clay stones 271;light brown limestone 302. Water at 298.
Con V " 27 C.Wilhelm		W.Hopper & Sons	June14,1967	4	10	60	28	"	D	Yellow clay 18;blue clay stones 29;sandy clay 75;blue clay stones 135;hardpan 181;grey limestone 246. Water at 246.
Con V " 39 H.Varneurs		Hadoo Well Drig. & Digging Ltd.	Nov. 2,1967	30	5	34	10	"	D,S	Topsoil 3;brown clay 5;blue clay rocks 28;brown marl 32;fine gravel 36;blue clay 38. Water from 25 to 36.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. N. Easthorne Twp. - cont.										
Con IX	A. Satchell	C. Wallis	Jan. 8, 1966	6½	30	40	25½	Fresh	D, S	Gravelly brown clay 14; sandy grey clay 40; sandy gravelly blue clay 136; running grey sand salt 141; sand gravelly blue clay 161; brown limestone 190. Water at 185.
Con IX	"	Hadco Well Digging Ltd.	Mar. 16, 1967	30	3	28	12	"	D, S	Topsoil 1; sand gravel 8; brown clay 10; gravel 12; blue clay 30. Water at 8 and 12.
Con IX	"	"	Sep. 11, 1967	30	4	25	5	"	D, S	Topsoil 1; sandy brown clay 5; gravel 12; grey clay stones 25. Water at 5.
Con IX	E. Kozlki	"	July 19, 1966	30	10	30	8	"	D	Topsoil 1; brown sandy clay 9; brown sand 22; blue sandy clay 35; gravel. Water at 16 and 35.
Con X	H. Schmidt	W. Hopper & Sons	Nov. 20, 1965	4	10	37	35	"	D, S	Topsoil 1; yellow clay 10; blue clay 18; sand 22; blue clay 90; hardpan 163; loose rock 166; brown limestone 197. Water from 180 to 197.
Con XI	P. Schneider	C&H. Kerr	Sep. 17, 1964	4½	15	32	22	"	D	Blue clay 40; soft blue clay 45; blue clay 115; stony blue clay 175; grey limestone 194. Water at 190.
Con XII	R. Schmidt	F. Ince	June 6, 1964	6½	20	70	55	"	D, S	Brown clay 6; stony clay 100; stony clay gravel 186; limestone 230. Water at 220.
St. Mary's, Town										
	St. Mary's Cement Co. Ltd.	International Water Supply Ltd.	Feb. 10, 1965						T	Limestone 92.
	"	"	Mar. 17, 1965						T	Limestone 152.
	"	"	May 7, 1965						T	Limestone 113.
	"	"	June 3, 1965	18	68	67	23		T	Gravel sand boulders 5; limestone 10; hard limestone 20; firm limestone 55; firm brown limestone 81; soft brown white limestone 97; hard limestone 102; soft limestone 105; firm brown limestone softer light coloured streaks 135. Water from 81 to 135.
	"	"	Nov. 15, 1966					Fresh	T	Limestone 75. Water from 6 to 75.
	"	"	Dec. 1, 1967					"	T	Limestone 69. Water from 6 to 69.
	"	"	Nov. 11, 1967					"	T	Limestone 75. Water from 6 to 75.
	J. Jourdain	W. Hopper & Sons	Dec. 19, 1966	5	10	35	31	"	C	Clay stones 10; grey limestone 75. Water at 75.
	A. Dickson	M. Jones	Dec. 16, 1967	5	12	35	24	"	D	Topsoil 4; brown rock 16; light grey rock 44; brown limestone 75. Water from 74 to 75.

PERTH COUNTY - cont.  
South Easthope Twp.  
lot 19

Con I	R. Green	G. J. Wallis	Aug. 24, 1964	6 1/2	21	48	44	Fresh	D, S	
Con I	lot 21	T. Cardwell	Sep. 29, 1964	6 1/2	4	60	35	Fresh	N	Sand gravelly brown clay 24; fine brown sand 43; medium brown sand 64; silt sand 142; sand blue clay 186; cement sand gravel 194; gravelly blue clay 224; brown limestone 260. Water at 250 and 258.
Con I	" 21	"	Nov. 14, 1964	5 1/2	15	85	60	"	D	Brown hardpan 50; cement gravel stones 222; limestone 267. Water at 266.
Con I	" 21	M. Schmidt	Aug. 1, 1966	4	12	28	20	"	D	Blue clay 80; soft blue clay 90; hard blue clay 170; stony blue clay 220; grey limestone 297. Water from 290 to 296.
Con I	" 21	E. Dornbusch	Aug. 23, 1966	4	10	15	12	"	D	Hardpan 6; grey brown clay 39; sandy clay 94; gritty sandy clay 109; gritty hardpan 124; brown clay 191; gritty hardpan 197; grey brown limestone 203. Water at 201 and 203.
Con I	" 28	S. Herlick	May 12, 1964	4	8	55	50	"	D, S	Yellow clay 12; blue clay 50; hardpan 135; sandy clay 160; hardpan 184; loose rock 189; hard grey limestone 200. Water from 190 to 200.
Con I	" 24	E. Gauler	Sep. 15, 1966	4	15	51	46	"	D, S	Topsoil fill 3; sticky yellow clay 18; sandy clay 22; blue clay 60; hardpan stones 205; cement gravel 214; brown limestone chert 230. Water from 220 to 230.
Con I	" 29	F. Schlottzhauser	Mar. 16, 1964	6 1/2	20	61	37	"	D, S	Brown clay 21; grey clay 139; sandy clay 147; grey clay 156; hardpan 17; dirty sandy gravel 186; gritty hardpan 193; grey limestone 197. Water from 195 to 197.
Con I	" 37	W. Wolf	May 13, 1967	4	10	50	42	"	D	Light brown sandy clay 21; grey sandy silt 30; sandy grey clay 37; blue clay 124; blue clay heavy packed sand gravel 145; gravelly blue clay 174; fine running grey sand 181; gravelly blue clay small stones 196; light brown rock 226. Water at 221.
Con I	" 38	C. Cook	Oct. 20, 1964	5	12	70	35	"	D	Yellow clay 24; sandy clay 70; clay stones 120; hardpan 190; grey limestone 238. Water at 238.
Con I	" 38	A. Monroe	Nov. 21, 1964	5	15	50	18	"	D	Brown clay 35; boulders clay 79; coarse sand 86. Water from 82 to 86.
Con I	" 38	W. Mulder	July 6, 1965	4	9	52	50	"	D	Brown clay 18; soft clay 26; hardpan 76; sand 81. Water from 77 to 81.
Con I	" 39	J. Vanstone	Nov. 12, 1964	5	15	80	30	"	D	Topsoil 1; yellow clay 12; sand 98; stony hardpan 120; brown clay 138; hardpan 187; loose rock 191; hard grey limestone 235. Water from 230 to 235.
Con I	" 40	H. Gartner	Feb. 12, 1964	30			9	"	D	Brown clay 47; hardpan 81; coarse sand 88. Water from 84 to 88.
Con I	" 40	H. Garter	June 23, 1964	6 1/2	3	60	40	"	D	Clay 8; gravel clay 10; blue sandy clay 14; hardpan 18. Water at 8.
Con I	" 40	P. Byers	Jan. 20, 1967	4 1/2	2	160	76	"	D	Brown clay 20; cement gravel stones 168; limestone 205. Water at 203.
Con I	" 50	Bluebird Motors	Jan. 25, 1967	5	15	80	75	"	C	Boulders blue clay 118; stony blue clay 150; till 181; limestone 203. Water at 201.
Con I	" 40	Saweway Building Supplies	Oct. 2, 1967	4	12	65	63	"	C	Brown clay stones 150; till 180; limestone 188. Water from 180 to 188.
Con I	" 41	D. Leinweber	Mar. 24, 1964	4	10	57	54	"	D, S	Top clay 7; clay stones 46; blue clay 90; hardpan 165; brown limestone 197; grey limestone 219. Water from 197 to 219.
Con I	" 41	L. Palasty	Nov. 7, 1966	30	5	15	10	"	D	Topsoil 8; gravel 1; sandy clay 15; blue clay 65; hardpan 166; layers rock clay 172; brown grey limestone 195. Water from 185 to 195.
Con I	" 41	M. Hammer	Dec. 16, 1964	6	6	60	45	"	D	Blue clay 10; coarse gravel 20. Water at 10.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depth to which formations extend below the surface are given in feet)										
PERTH COUNTY - cont. Con II South Easthope Twp.-cent. lot 15 W. Marrz		G. Wallis	Jan. 23, 1964	6 1/2	15	68	22	Fresh	D, S	Brown clay 28; brown silt sand 36; grey sandy silt 58; blue clay sand gravel 120; blue clay layers cemented sand gravel 166; brown limestone 187. Water at 185.
Con II	32 H. Dunneil	W. Hopper & Sons	Oct. 12, 1964	4	10	65	55	"	D, S	Blue clay 36; blue clay stones 44; sand 52; sandy clay 86; clay limestone 165; hardpan 210; grey rock 234. Water at 230.
Con II	32 H. Faulhafer	Kerr's Well Drig.	Oct 16, 1964	4	15	75	50	"	D, S	Brown clay 48; stony clay 120; brown clay 165; hardpan 196; limestone 224. Water from 220 to 224.
Con II	41 E. Cressman	Hopper Well Drig.	Aug. 22, 1967	4	13	41	39	"	D, S	Top clay stones 7; blue clay 45; gravel 58; hardpan stones 168; dark brown limestone 195; light grey limestone 213. Water from 195 to 213.
Con III	20 R. Foley	McLaughlin Water Wells & Supply	Feb. 12, 1965	6 1/2	15	55	30	"	D	Dug well 30; quicksand 64; hardpan 70; gravel 71. Water at 71.
Con III	29 C. Krantz	W. Hopper & Sons	Oct. 23, 1964	4	10	48	45	"	D, S	Yellow clay stones 24; blue clay 54; gravel sand 72; blue clay stones 135; hardpan 185; brown limestone 214. Water at 214.
Con III	31 H. Sebben	"	Dec. 31, 1964	4	10	70	64	"	D, S	Yellow clay 35; sand blue clay 85; stones blue clay 175; hardpan 210; grey rock 240. Water from 230 to 240.
Con III	35 A. Burgers	"	Aug. 15, 1967	4	12	38	36	"	D, S	Top clay 6; clay stones 17; gravel 24; hardpan 67; blue clay 125; hardpan stones 191; brown limestone 223. Water from 212 to 223.
Con III	38 G. Huras	"	July 29, 1964	4	10	48	45	"	D	Fill 2; yellow clay 15; blue clay 60; hardpan 172; loose rock 177; brown limestone 195. Water from 190 to 195.
Con III	41 R. Lowe	"	Feb. 18, 1964	4	10	32	30	"	D	Topsoil 1; yellow clay 10; sandy clay 30; blue clay 65; hardpan 169; loose rock 173; brown limestone 210. Water from 200 to 210.
Con III	41 J. Lowe	"	Feb. 28, 1964	4	10	40	36	"	D, S	Topsoil fill 2; yellow rock 175; brown limestone chert 210. Water from 200 to 210.
Con III	42 H. Lowe	"	May 28, 1964	4	10	42	40	"	D	Topsoil fill 2; sandy yellow clay 14; blue clay 80; hardpan 169; cherty limestone 200. Water at 195.
Con III	42 N. Dienes	"	Aug. 30, 1967	4	10	47	45	"	D	Top clay 7; clay stones 28; hardpan stones 140; cemented gravel 160; light brown limestone 213. Water from 190 to 213.
Con III	43 A. Gras	"	Feb. 8, 1964	4	10	50	45	"	D, S	Yellow clay 18; blue clay 60; hardpan 160; cemented gravel 170; brown limestone 210. Water at 210.
Con III	44 J. Kalbfleisch	"	Sep. 22, 1965	4	10	70	67	"	D, S	Clay stones 34; sandy clay 76; clay stones 142; hardpan 164; brown rock 220. Water from 200 to 220.
Con III	46 J. Pola	N. & J. Hopper	June 11, 1964	4	10	64	60	"	P	Fill 3; yellow clay 12; hardpan 30; coarse gravel 35; hardpan 139; rock 145; brown limestone 180; grey limestone 195. Water from 180 to 195.
Con III	46 R. Meadows	Steinman & Baird	Aug. 29, 1964	5	20	62	58	"	D	Brown silty clay 23; gritty hardpan 68; grey clay 109; grey stony clay 133; shale 143; grey limestone 153. Water at 152.
Con IV	20 J. Dietrich	G. Wallis	Oct. 17, 1966	6 1/2	20	65	30	"	D, S	Sandy brown clay 45; grey sandy silt 60; gravelly blue clay 140; sandy blue clay 195; brown limestone 221. Water at 218.
Con IV	43 A. McLeod	W. Hopper & Sons	Sep. 20, 1966	4	8	55	51	"	D	Yellow clay 10; blue clay sand 110; streaks hardpan 179; brown limestone 183; brown limestone chert 203. Water from 190 to 203.
Con V	20 L. Schmidt	N. Steinman	Apr. 12, 1967	4	15	49	27	"	D	Clay 4; sand clay 39; sand 45; clay 121; sandy gritty clay 131; brown clay 154; layers limestone clay 158; grey limestone 169. Water from 166 to 169.



PERTH COUNTY - cont.											
South Easthope Twp.-cont.											
Con V	lot 25	M.Wagler	C.&H. Kerr	Mar.21,1964	4½	12	85	65	Fresh	D,S	Blue clay 52;stony clay 195;blue clay 215;grey limestone 225. Water at 223.
Con V	" 27	D.Gerber	Hadco Well Digging	Feb.14,1964	30	2	18	11	"	D	Topsoil 1;brown clay 16;brown sand 17;blue sand gravel 18. Water at 17.
Con V	" 28	R. Trachel	"	Nov.11,1965	5½	65	120	50	"	D,S	Clay boulders 40;gravel 49;sand gravel 98;sand 103;clay rocks 120;shale 197;brown bedrock 210;white rock 225. Water from 210 to 225.
Con VI	" 33	C.Krug	W.Hopper & Sons	Mar.16,1964	4	10	55	50	"	D,S	Topsoil yellow clay 15 ;sandy clay pebbles 25;hardpan 183; cemented gravel 194;loose rock 197;layers brown grey limestone 238;chert. Water from 230 to 238.
Con VI	" 33	R.Berg	"	Oct.19,1965	4	10	105	63	"	D,S	Yellow clay 18;blue clay 69;clay stones 170;hardpan 201;grey rock 280. Water from 250 to 280.
Con VI	" 35	W.Dunsore	Steinman & Baird	Feb.27,1964	5	15	75	63	"	D,S	Sandy grey clay 56;grey clay 65;s ndy clay 139;gritty hardpan 155;sand 160;sandy clay 171;hardpan 189;sand 191;gravelly hardpan broken limestone 207;grey brown limestone 213. Water from 211 to 213.
Con VI	" 36	S.Ropp	"	Feb.13,1964	5	15	75	57	"	D,S	Hardpan 84;clay 97;sand 113;clay 122;hardpan 198;grey brown limestone 207. Water from 205 to 207.
Con VI	" 37	L.Fuhr	W.Burwell	Jan.22,1964	5	10	55	50	"	D,S	Clay 100;gravel 120;clay 170;gravel 187;rock 190. Water at 190.
Con VII	" 39	G. Schneider	W.Hopper & Sons	Oct.26,1965	4	10	63	58	"	D,S	Yellow clay 26;blue clay 87;blue clay stones 145;hardpan 171; grey rock 199. Water from 185 to 199.
Con VII	" 36	C.Fuhr	W.Burwell	Feb. 5,1964	5	7	55	50	"	D,S	Clay 90;gravel 120;clay 200;rock 205. Water at 205.
Con VIII	" 40	E.Schneider	Steinman & Baird	July23,1964	5	15	82	70	"	D,S	Brown clay 15;sandy clay hardpan 42;grey clay 49;hardpan 56; Gritty clay 71;hardpan 82;grey clay 129;hardpan 165;layers broken rock shale 234. Water at 232.
Stratford, City											
		W.Burgess	W.Hopper & Sons	June17,1966	4	10	50	50	Fresh	D	Yellow clay 10;sandy clay 25;blue clay 60;hardpan 145;loose rock 150;hard brown limestone chert 210. Water from 200 to 210.
		B.Hastings	"	Nov.18,1966	4	10	85	42	"	D	Yellow clay stones 19;blue clay stones 95;hardpan 117. Water from 165 to 180.
		G.Peters	Hadco Well Digging & Drlg.	May 29,1967	24	3	38	25	"	D	Topsoil 1;brown clay 9;grey clay 21;grey sand 26;blue clay 37; gravel 40. Water at 40.
Wallace Twp.											
Con I	lot 3	W.McWhinney	C.Keeso	Dec.15,1965	4	15	64	25	Fresh	D,S	Topsoil 3;clay 86;brown shale 129;brown limestone 205. Water at 205.
Con I	" 9	G.Hensworth	"	Jan.13,1967	4	16	50	48	"	D	Dug well 25;gravel clay 50;sandy hardpan 90;brown clay 108; brown shale 117;brown limestone 170. Water from 160 to 170.
Con I	" 12	W.Woods	"	Nov. 2,1966	4	12	60	45	"	D,S	Topsoil 4;blue clay 65;sandy clay 80;hardpan 92;shale 108; brown limestone 152. Water from 140 to 152.
Con I	" 63	J.Kerr	"	May 13,1965	4	15	28½	28	"	D,S	Topsoil 3;brown clay 51;brown shale 75;brown limestone 151. Water from 130 to 151.
Con I	" 65	"	"	Nov.25,1965	4	15	22	20	"	D,S	Topsoil 3;blue clay 30;brown sandy clay 50;sandy hardpan shale 90;brown limestone 158. Water from 150 to 158.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
PERTH COUNTY - cont. Wallace Twp. - cont.										
Con II lot 23	E. Miller	C. Keeso	Sep. 5, 1964	4	14	32	28	Fresh	D	Topsoil 4;sandy clay 36;hardpan 65;sand 78;shale 110;white limestone 146. Water from 132 to 146.
Con II " 24	Listowel Car Wash	"	Sep. 16, 1965	4	15	33	32	"	In	Topsoil 6;clay 60;sandy clay 88;hardpan 124;shale 132;white limestone 190. Water from 180 to 190.
Con III " 21	M. Willis	"	May 6, 1965	4	15	33	33	"	D, S	Brown clay 78; brown shale 124; brown limestone 168. Water at 168.
Con III " 49	B. Ash	"	Oct. 19, 1965	4	14	29	28	"	D, S	Dug well 18; clay 70; shale 86; brown limestone 138. Water from 130 to 138.
Con IV " 24	Wallace Twp. Hall	"	Jan. 14, 1964	4	14	22	21	"	P	Topsoil 4; clay 48; sandy clay 70; shale 93; white limestone 130. Water from 125 to 130.
Con IV " 24	J. Ducklow	"	Mar. 3, 1965	4	15	15	14	"	D	Topsoil 2; brown sandy clay 9; hardpan boulders 52; brown shale 84; brown limestone 127. Water from 120 to 127.
Con IV " 24	H. Cosens	"	Nov. 3, 1965	4	15	12	10	"	D	Topsoil 4; clay 38; hardpan 60; sandy clay 81; shale 91; brown limestone 122. Water from 115 to 122.
Con IV " 24	A. & H. West	"	June 2, 1966	4	15	10	9	"	D	Topsoil 4; sandy clay 22; blue clay 60; hardpan 78; shale 87; brown limestone 124. Water from 118 to 124.
Con IV " 25	W. Boyd	"	Nov. 2, 1964	4	14	36	35	"	C	Topsoil 4; gravelly clay 35; clay 80; sandy hardpan 96; shale 118; white limestone 168. Water from 148 to 168.
Con IV " 25	R. Ludwig	"	July 15, 1965	4	14	35	32	"	D	Topsoil 4; hardpan 35; clay 78; sandy clay 110; shale 128; white limestone 190. Water from 185 to 190.
Con IV " 25	R. Dippel	"	May 28, 1966	4	14	29	27	"	D	Topsoil 3; blue clay 18; sandy clay 30; blue clay 62; hardpan 89; shale 107; blue limestone 150. Water from 140 to 150.
Con V " 24	Wallace Public School Area	"	Apr. 8, 1965	5	50	35	33	"	P	Sandy clay 18; clay boulders 65; brown shale 104; brown limestone 204. Water from 175 to 204.
Con VI " 25	M. Klein	"	Dec. 9, 1966	4	20	26 1/2	26	"	D, S	Dug well 56; clay 80; gravel clay 95; shale 108; white limestone 156. Water from 108 to 156.
Con VII " 22	E. Yungblut	"	Jan. 26, 1967	4	16	22	21	"	D, S	Cistern 6; soft sandy clay 40; hardpan 62; blue clay 84; soft brown shale 125; white limestone 160. Water from 150 to 160.
Con VII " 24	S. McCutcheon & C. Burrow	E. Keeso	June 10, 1964	7	42	36	17	"	P	Soft brown clay 40; hardpan 54; hard brown shale 66; hard brown limestone 110; hard white limestone 148; hard yellow limestone 188. Water from 180 to 188.
Con VIII " 12	J. Henderson	Durham Drlg. Enterprises Ltd. G. Davidson	July 15, 1964	4	25	8	Plows	"	D	Clay boulders 23; sand gravel 27. Water from 25 to 27.
Con VIII " 31	H. Hayden	"	Nov. 3, 1966	4	10	30	20	"	D, S	Topsoil 1; gravel 19; clay sand streaks 46; hardpan 65; shale 69; limestone grey brown very hard 127. Water at 127.
Con IX " 16	F. Fleet	Durham Drlg. & Enterprises Ltd.	Oct. 8, 1965	4	20	20	10	"	D, S	Topsoil 3; stony hardpan 49; hard brown rock 84. Water from 75 to 84.
Con IX " 17	C. Carley	"	Oct. 2, 1965	4	15	18	12	"	D, S	Open hole. 12; hard brown clay 34; hard brown rock 68. Water from 62 to 68.
Con XIII " 8	N. Graham	Water Well Drlg.	Sep. 3, 1965	4	10	20	18	"	D, S	Dug well 13; gravel 20; clay gravel 39; boulders 41; gravel 76; brown limestone 100. Water at 99.

WATERLOO COUNTY  
Ayr, Village

H. Petter	C. Shantz	Jan. 18, 1964	7	10	31	28	Fresh	D	Dug well 36; sandy clay 60; clay 94; sand clay 120; sand gravel 140. Water from 120 to 140.
F. Harrison	Durham Drlg. & Enterprise	Mar. 4, 1964	4	12	70	60	"	D	Open hole 38; hard grey clay 100; soft grey clay 135; quicksand 150; grey clay 170; soft grey silt 220; stony grey clay 230; grey gravel 232. Water at 232.
N. Gillespie	"	Mar. 12, 1964	4	12	70	63	"	D	Open hole 42; sand 60; sandy clay 100; grey clay 140; quicksand 160; hard grey clay 200; grey silt 220; hard brown clay 234; grey gravel 236. Water at 235.
C. Edgar	Durham Drlg. & Enterprises	Apr. 16, 1964	4	20	30	25	"	D	Open hole 30; yellow sand 60; grey sand 100; sandy clay 120; grey sand 130; fine gravel 138. Water from 135 to 138.
E. Herman	C. Shantz	Apr. 23, 1964	5	8	46	42	"	D	Dug well 43; fine sand 115; sand gravel 157. Water from 115 to 157.
C. Nichols	"	Mar. 14, 1964	5	15	13	8	"	D	Topsoil 1; gravel 10; clay gravel 46; sand 48; clay gravel 52; sand gravel 55. Water from 52 to 55.
C. Burrows	H. Eadyvean	Sep. 16, 1964	7	8	85	40	"	D	Dug well 10; cement gravel 70; quicksand 130; fine sand clay 178; fine gravel 178. Water at 178.
W. Scott	"	Dec. 7, 1964	7	20	32	21	"	D	Topsoil 1; sandy clay 12; sand gravel boulders 26; clay gravel boulders 52; silty sand 84; clay gravel 100; silty sand 150; coarse clay sand 178. Water from 150 to 178.
S. Shantz	"	Dec. 14, 1964	5	8	25	10	"	D	Gravel boulders 30; sand gravel 44. Water at 39.
G. Cassidy	C. Shantz	July 22, 1965	5	20	22	18	"	D	Cemented gravel 35; sand gravel 44. Water from 35 to 44.
J. Perry	Lone Star Well Digging	July 30, 1965	30	10	40	30	"	D	Gravel 25; sand 40; dark clay 48. Water at 30.
G. Myke	"	Aug. 8, 1965	30	10	40	30	"	D	Gravel 25; sand 40; dark clay 50. Water at 30.
B. Tunn	H. Eadyvean	Nov. 27, 1965	6 1/2	10	24	18	"	D	Dry well 18; clay gravel 38; sand 40; hardpan 64; sand 65. Water at 65.
J. Armstrong	C. Shantz	Dec. 24, 1965	5	30	11	8	"	D	Dry sand 12; silty sandy clay 63; gravel clay 74; silty sandy clay 163; gravel sand 168. Water from 163 to 168.
C. Snell	H. Eadyvean	Jan. 3, 1966	5	4	39	21	"	D	Dug well 30; clay gravel 48; 50; fine sand gravel 70. Water at 68.
J. Campbell	"	Feb. 10, 1966	5	4	30	18	"	D	Dug well 30; hardpan 46; sand gravel 50. Water from 48 to 50.
C. Kidman	"	June 23, 1966	5	5	90	21	"	D	Dug well 24; sandy clay 80; fine sand 140; sand 145. Water from 140 to 143.
H. Ghent	"	July 5, 1966	5	9	75	65	"	D, S	Dug well 63; hardpan 103; sand 106. Water from 103 to 106.
E. McDonald	Lone Star Well Digging	Sep. 28, 1966	30	20	25	25	"	D	Gravel 34. Water at 25.
Ayr Curling Club	H. Eadyvean	Sep. 26, 1966	6 1/2	15	50	30	"	P	Topsoil 1; gravel 25; sand clay 65; fine sand 78. Water at 72.
W. Gillespie	"	Sep. 28, 1966	6 1/2	15	30	20	"	D	Topsoil 1; sand clay 20; fine sand clay 41; sand gravel 52. Water at 41.
F. Holman	"	Mar. 22, 1967	5	10	30	14	"	D	Dug well 25; hardpan 45; fine sand sand 48. Water from 45 to 48.
Corporation of Ayr	"	Feb. 9, 1967	5	10	26	16	"	P	Well pit 5; sand clay 25; hardpan 60; clay 63; sand 64. Water from 63 to 64.
I. Watson	"	May 18, 1967	5	20	10	10	"	D	Topsoil 1; coarse gravel 34; sand 35.
S. Gemmell	Lone Star Well Digging	July 31, 1964	30	3	42	32	"	D	Coarse gravel 26; fine silt 36; gravel 45. Water at 26.
J. Dedman	H. Eadyvean	Aug. 14, 1967	5	3	45	30	"	D	Topsoil 1; sand gravel clay 30; sand clay 50. Water from 45 to 50.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WATERLOO COUNTY - cont. Ayr, Vtg. - cont.	S. Vizzosa	G. Wallis	Aug. 24, 1967	6 1/4	2	175	35	Fresh	D	Dug well 43; sandy gravelly grey clay 74; sandy blue clay 88; silt sand 112; clay silt 155; gravelly blue clay 189; sand fine gravel 190. Water at 189. Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	S. Johansen	H. Eddyveen	Sep. 1, 1967	5	10	41	22	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	K. Boettcher	F. Ince	Sep. 21, 1967	6 1/4	15	40	15	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	I. Henderson	H. Eddyveen	Sep. 23, 1967	6 1/4	10	14	12	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	G. Clarke	"	Oct. 11, 1967	6 1/4	3 1/2	40	12	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	K. Boettcher	"	Oct. 17, 1967	6 1/4	3	38	9	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	C. Knechtel	"	Oct. 24, 1967	6 1/4	3	38	13	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	J. Sheltz	"	Oct. 31, 1967	5	10	38	19	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	Premier Spring Ltd.	"	Nov. 15, 1967	6 1/4	10	12	8	"	P	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
	C. Luecke	McLaughlin Water Wells & Supply Ltd.	Nov. 28, 1967	7	5	38	20	"	D	Boulders coarse gravel 23; fine sand clay 50; sand 54. Water from 50 to 34. Rough gravel 20; hard clay 40; blue clay 64; quicksand 98. Water at 64. Topsoil 1; gravel sand 10; gravel clay sand 24; hardpan 35; coarse gravel 36. Water from 35 to 36. Topsoil 1; gravel sand 10; gravel sand clay 30; hardpan 38; sand clay 42; sand 43. Water from 42 to 43. Topsoil 1; sand gravel 12; boulders clay gravel 30; hardpan 38; sand clay 42; sand 42. Water from 41 to 42. Topsoil 1; sand gravel boulders 20; boulders gravel clay 33; hardpan 40; fine sand 42. Water from 41 to 42. Topsoil 1; boulders coarse gravel 24; sandy clay 48; sand 52. Water from 48 to 52. Topsoil 1; sand gravel 12; clay gravel 25; sand 34; sand coarse gravel 38. Water from 34 to 36. Gravel boulders 13; clay 43; hardpan 47; gravel 48. Water from 47 to 48.
Bridgeport, Village	Grand River Golf & Country Club	W. Packham	May 18, 1964	6 1/4	20	70	65	Fresh	P	Clay fill 70; clay 115; sandy clay 120; sand 125; gravel 130. Water at 130.
	Kitchener Water Comm.	International Water Supply Ltd.	Mar. 1, 1966	2			Flows	Iron		Fill 16; grey clay sandy hard clay 37; cemented sand gravel 38; fine sand silt clay 42; grey clay sand gravel streaks 47; sandy grey clay gravel streaks hard packed 52; sandy grey clay fine gravel 64; gravelly sand boulders clay streaked 84; bedrock boulders. Water at 64.
	"	"	Jan. 14, 1966	2	50	12	0	Fresh	T 1-66	Dirty gravel boulders sand 18; sandy grey clay gravel 24; grey clay sandy hard 50; fine sand clay streaked 67; gravel sand boulders clay 92; bedrock 93. Water at 50.
	"	"	Jan. 17, 1966	2	2		8	"	T 2-66	Fill 3; brown sand clay 14; sand gravel 19; grey clay sandy hard 26. Water at 14.
	"	"	Jan. 31, 1966	2	20	73	63	"	T 3-66	Brown sand clay 6; grey clay silt gravel streak 15; grey hard clay 40; grey soft clay 62; gravel sand boulders clay streaks 86; sandy grey clay gravel streaks 137; gravel sand boulders clay 158; gravel sand boulders hard packed clay 164; sand gravel boulders looser 171; very hard bedrock. Water at 137.

Elmira P.U.C.	International Water Supply Co.	Nov.10,1965							T 1-65	Topsoil 1;clay gravel sand 4;gravel coarse sand 13;soft clay 23;coarse broken gravel sand boulders clay 27;boulders gravel sand 46;gravel sand clay 49;clay 51;cemented gravel harden 53;cemented clay gravel 68;soft clay odd bit gravel 83;gravel clay 86;sand gravel odd bit clay 94;cemented clay odd bit gravel 99;rock 103.
		Nov.18,1965	"	2	10	32	31	Fresh	T 2-65	Topsoil 1;clay 2;coarse gravel sand boulders odd bit clay 31;packed gravel odd bit clay 55;cemented clay gravel 64;coarse gravel sand clay 69;packed gravel sand clay cemented streaks 77;cemented clay gravel 95;cemented clay gravel 98;rock. Water at 31.
		Nov.24,1965	"	2	33	12	8	"	T 3-65	Topsoil 1;clay gravel 8;gravel clay odd boulder 29;cemented gravel clay 33;gravel clay 67;cemented gravel clay 69;cemented clay gravel 83;limestone clay gravel 86;limestone 88. Water at 33.
		Dec. 1,1965	"	2	33	10	8	"	T 4-65	Topsoil 2;clay 4;gravel clay 28;clay gravel 36;gravel sand 49;clay gravel 11;grey clay gravel streaks 22;sandy grey clay gravel streaks 32;gravel sand boulders clay streaks 56;sandy red clay gravel 65;cemented sand gravel 66;sandy red clay gravel 74;red sticky clay 84;gravel sand clay streaks 94;grey clay 97;grey clay gravel streaks 101;blue shale 103. Water at 32.
		Dec.10,1965	"	2	25	13	8	"	T 5-65	Brown clay gravel 12;grey clay gravel streaks 40;sand gravel boulders streaked clay 47;brown clay small gravel streaks 75;limestone 80. Water at 40.
		Dec.17,1965	"	2			8		T 6-65	
	Galt, City	Aug.17,1964	J.Cowan	6½	15	80	65	Fresh	D, S	Dug well 35;sandy loam 30;stone gravel 100. Water at 100.
		Oct.11,1964	E.Early	4	4	50	41	"	D	Sand 94;gravel 95. Water at 95.
		July17,1965	G.Davidson	4	10	15	9	"	D	Clay boulders 15;sand gravel 28;marl 40;clay 45;sand 46;hardpan 56;red clay 65;sand 82;fine gravel 88. Water at 88.
		Aug.14,1966	C.Shantz	7	12	100	24	"	P	Brown clay boulders 23;silty gravel 32;gravel 53;cemented gravel 63;grey limestone 101. Water at 96.
		Aug.29,1966	P.Ince	6½	10	55	40	"	D	Brown clay 3;brown stony clay 81;gravel 82. Water at 82.
Hespeler, Town	Hallmac Ltd. Central Foundry Custom Alumin- um Foundry	Nov. 3,1966	Graham Well Drig.	4½	15	43	17	Fresh	In	Old drilled well 54;brown rock 73. Water at 69.
		Sep. 4,1965	C.Hill	4	5	30	2	"	In	Bush dirt 5;grey limestone 60. Water at 60.
		Aug.31,1965	"	4	8	30	3	"	In	Bush much 5;grey limestone 40. Water at 40.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont. Hespeler, Town - cont.	Town of Hespeler	International Water Supply Ltd.	Mar. 16, 1965	12	100	146	78	Fresh	P	Topsoil 2; clay gravel sand 71; yellow clay gravel 94; hardpan 101; limestone 103; grey limestone 195; white limestone 300. Water at 103.
	A. Forbes G. Smalley	W. Packham C. Shantz	Mar. 20, 1964 June 10, 1964	6 1/2 5	30 10	35 64	29 22	" "	In D	Clay gravel 24; limestone 103. Water at 90. Dug well 11; clay gravel 35; silty sandy clay gravel 51; grey limestone 80. Water from 70 to 80.
	E. M. O. H. Bldg. Stone & Marble Works Kitchener Water Comm.	McLaughlin Water Wells Supply Ltd. C. Shantz International Water Supply Ltd.	July 7, 1966 Jan. 25, 1964 Feb. 17, 1964	7 7 7	30 20 11	40 34 77	26 30 62	Fresh " "	D In T 1-64	Asphalt 1; gravel 28; hardpan 56; gravel 59; blue limestone 75. Water from 59 to 75. Clay 18; clay gravel 36; gravel clay 44; silty sandy clay gravel 50; clay 91; clay gravel 105; gravel 117. Water from 105 to 117. Topsoil 1; clay coarse gravel 5; clay fine gravel 13; coarse fine gravel some sandy clay 30; grey shale 33. Water from 13 to 30. Topsoil 1; sandy loam 4; boulders gravel 6; gravel clay 12; coarse fine gravel sand clay 29; grey shale 32. Water from 12 to 29. Topsoil 1; sandy loam 5; clay gravel 40; clay gravel cemented 62; coarse gravel clay 65; rock shale 70. Water at 62. Boulders gravel sand brown clay 22; dirty sand 27; sandy brown clay gravel streaks 45; brown sandy clay 49; silty sand 52; brown clay 64; grey clay gravel streaks 91; sandy grey clay hard packed gravel 108; grey clay gravel streaks 112; cemented sand gravel 115; sandy grey clay gravel streaks hard packed 231; broken limestone 238. Water at 150. Gravel boulders sand 29; sand gravel 32; grey clay sandy hard clay 55; grey clay gravel streaks 72; grey clay gravel hard packed 100; gravel sand boulders clay 110; grey clay gravel 113; brown grey clay sandy hard 147; hard packed clay gravel sand 157; grey clay sandy hard streaks 171; cemented sand gravel boulders grey clay 199. Water at 100.
Kitchener, City	Kiwanis Centennial Park Swimming	P. Strauss	Aug. 25, 1967	8	75	78	Flows	Fresh	P	Topsoil 2; brown clay stones 9; blue clay 41; brown clay pebbles 63; dirty gravel 68; sandy gravel 67; red clay 99; hardpan 113; grey rock 164; brown rock 165; grey rock 190; brown rock 279. Water from 164 to 165 and at 279.
	Kitchener Water Comm.	International Water Supply Ltd.	Jan. 15, 1965	2					T 1-65	Fill muck sand gravel 18; blue clay sandy streaks soft hard 45; sandy grey clay gravel streaks 80; sand 82; gravel sand clay streaks 87; boulders sand gravel clay 93; sand gravel 110; boulders gravel sand 103; gravel sand boulders streaks 121; boulders gravel sand 125; sandy brown clay gravel streaks 132; sandy clay gravel streaks hard packed 135; grey clay sandy hard 158; cemented sand gravel 159; sandy grey clay gravel 163; cemented sand gravel 184. Water at 82.



WATERLOO COUNTY - cont.  
Kitchener, City -cont.

Kitchener Water Comm.	International Water Supply Ltd.	Jan. 15, 1965	2	33	36	30	Fresh	T 1-65	Fill muck sand gravel 18; blue clay sandy streaks 45; sandy grey clay gravel streaks 80; sand 82; gravel sand clay streaks 87; boulders sand gravel clay 93; sand gravel 102; boulders gravel sand 103; gravel sand boulders streaks 121; boulders gravel streaks hard packed 135; grey clay sandy hard 158; cemented gravel sand 159; sandy grey clay gravel 163; cemented gravel sand 164; sandy grey clay gravel 170; cemented sand gravel 184. Water at 80. Lug well 40; clay 60; hardpan 130; sand 135; hardpan 164; gravel 165. Water at 165.
B. Kitchen	McLaughlin Water Wells & Supply Ltd.	Feb. 12, 1965	5	10	135	125	"	D	Fill 8; brown grey clay gravel streaks 20; grey clay gravel 61; grey clay gravel 70; grey clay gravel streaks 81; sandy brown clay gravel 101; gravel sand clay 112; brown sandy clay gravel 115; gravel sand clay 117; brown grey sandy clay 145; grey clay gravel 156; gravel sand boulders clay 165; sandy grey clay gravel streaks 175; grey clay 185; grey clay sandy gravel streak 192; rock 193. Gravel sand boulders 5; grey clay 36; grey clay gravel streaks 68; grey clay some gravel 102; brown sandy clay 147; grey clay sand gravel streaks 151; gravel sand boulders clay hard packed 163; grey clay sand gravel streak 168; dark brown clay 174; grey clay sandy gravel streaked hard packed 190; bedrock. Brown clay 6; gravel sand boulders 25; sandy clay 38; grey clay 58; sandy grey clay odd gravel streak 65; sandy brown clay gravel streaks 143; sand gravel clay streaks packed 164; grey clay 172; sandy grey clay gravel hardpacked streaks 199; bedrock. Gravel boulders clay 32; grey clay 54; grey clay gravel 56; grey sandy clay gravel 98; sandy brown clay gravel sand streaks 115; sandy clay 124; sandy clay fine gravel 132; sandy brown clay 151 gravel sand clay packed 168; grey clay sand gravel hard packed 184; sandy grey clay 187; cemented sand gravel 196. Black muck fill 15; brown sand 20; grey clay gravel 49; grey sandy clay 76; gravel sand boulders clay streak 139; brown black clay 144; grey clay gravel streak 155; grey clay silty black clay 161; sand gravel 168; boulders gravel sand clay 173; sandy red clay gravel streak 181; shale 182. Water at 78. Sand 5; black muck 7; gravel sand 8; sandy clay sand silt 52; gravel sand boulders 73; sandy grey clay gravel streaks 105; sand gravel sandy clay streaks 115; sandy red clay hard packed 199; bedrock. Water at 105.
Kitchener Water Comm.	International Water Supply Ltd.	May 17, 1965	2	20	49	39	Fresh	T 2-65	Gravel 2; black muck 35; sandy clay 44; sand gravel 47; sandy grey clay 93; fine sand silt 107; grey clay gravel 112; sandy grey clay hard packed 126; sandy grey clay gravel streaks hard packed 149; sandy clay gravel 156; grey sticky clay 163; gravel sand sandy clay packed 176; sandy red clay gravel hard packed 183; bedrock 185. Water at 93.
"	"	May 19, 1965						T 3-65	
"	"	May 25, 1965	2	20	49	39	Fresh	T 4-65	
"	"	May 31, 1965						T 5-65	
"	"	June 7, 1965	2	30	39	29	Fresh	T 6-65	
"	"	June 16, 1965	2					T 7-65	
"	"	June 18, 1965	2					T 8-65	

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Kitchener, City - cont.	A. Marrek Kitchener Water Comm.	C. & H. Kerr International Water Supply Ltd.	Sep. 8, 1965	6 1/2	15	45	27	Fresh	D	Sand stones 30; clay 78; sand gravel 89. Water from 85 to 89, Fill 2; black muck 6; sand 20; brown clay gravel 28; grey hard clay 48; sandy clay gravel streaks 56; grey hard clay 60; sand clay gravel streaks 61; dirty packed 89; brown sandy clay 100; sandy gravel 142; grey sand boulders sandy clay 165; grey clay 188; shale 191. Water at 142.
			Oct. 7, 1965						T 25-65	Fill 3; black muck sand 89; brown clay gravel sand 100; sand silty fine gravel 84; clay streaks 14; sandy grey clay 144; fine gravel packed sand 152; black muck clay 161; fine gravel sand 178; sandy grey clay gravel 187; bedrock 188. Water at 141.
			Nov. 1, 1965	2			37		T 28-65	Sand gravel 27; sandy grey clay 34; fine sand 36; grey clay 44; sandy grey clay gravel streaks 95; sandy brown grey clay gravel streaks 148; gravel sand boulders clay 162; grey clay 175; clay gravel boulders sand clay hard packed 190; sandy brown clay gravel streaks 195; grey brown clay gravel streaks 199; shale 200. Water at 34 and 148.
			Dec. 3, 1965	2			2		T 39-65	Topsoil 1; dirty gravel boulders 8; sand clay gravel 19; packed sand gravel clay 26; sand gravel clay 33; clay gravel 36; shale. Water at 8.
			Dec. 10, 1965	2					T 50-65	Topsoil 1; dirty gravel boulders 10; packed sand gravel clay 21; clay gravel 30.
			Dec. 22, 1965	12					T 51-65	Dirty gravel boulders 10; sand clay gravel 21; clay sand gravel 26; gravel sand clay 29; clay gravel 31; shale.
			Mar. 15, 1966	18	1010	74	41	Fresh	P	Fill 3; peat bog 9; silt bog 21; silt gravel 24; clay gravel boulders 79; sand gravel boulders 133; sand gravel clay. Water at 79.
			July 30, 1966						T 22-66	Topsoil 2; dirty gravel 7; brown clay gravel 31; grey clay 68; gravel sand boulders clay 72; brownish clay small gravel streak 88; broken gravel dirty clay 94; broken limestone 95; limestone. Boulders clay 30; hardpan 64; gravel 67. Water from 66 to 67.
	J. Lauer Kitchener Water Commission	Kerr's Well Drig. International Water Supply Ltd.	Aug. 29, 1966 Sep. 1, 1966	5 2	15	37	22 23	Fresh	D T 23-66	Dirty sand 4; sand 15; grey clay 27; fine sand 28; grey clay sandy streaks 33; grey clay 64; gravel sand boulders hard packed clay 86; sandy clay gravel streaks 109; hard grey clay 115; limestone 118; blue shale 123; limestone shale streaks 127.
			Sep. 2, 1966						T 24-66	Sand 43; gravel sand 44; sand 52; grey clay 65; gravel boulders sand clay hard packed 87; grey clay 89; grey brown clay gravel streaks 92; gravel sand boulders clay hard packed 98; grey clay gravel streaks 115; grey clay sand 120; gravel sand boulders clay 133; clay gravel sand boulders 140; grey brown clay gravel streaks 148; brown limestone 150.
			Sep. 9, 1966	2			51		T 25-66	Gravel sand boulders 6; brown clay 7; grey clay 8; gravel sand boulders clay 18; brown clay gravel boulders hard packed 21; grey clay 42; grey clay sandy gravel streaks 61; gravel sand boulders clay 63; sandy grey clay gravel streaked 90; cemented sand gravel 91; sandy clay gravel 100; limestone 103.

WATERLOO COUNTY - cont.  
Kitchener, City -cont.

Kitchener Water Comm.	International Water Supply Ltd.	Sep. 14, 1966	4	108	23	9	T 28-66	Topsoil 5; gravel sand boulders clay 6; silt 12; grey clay 35; gravel boulders sand 37; grey clay 57; fine gravel, gravel boulders sand 74; blue shale 86; limestone.
		Sep. 18, 1966	2				T 27-66	Brown clay boulders 5; grey clay gravel 29; gravel sand boulders dirty clay 47; boulders gravel sand clay 58; boulders gravel sand clay hard packed 66; sandy grey brown clay gravel 70; grey clay sandy hard 73; sandy hard pecked clay gravel 83; blue hard clay 92; limestone 93.
		Oct. 18, 1966	2	25	45	43	T 30-66	Boulders gravel sand 5; sand fine gravel 24; sandy brown clay 39; grey clay 44; grey clay gravel hard packed 74; cemented sand gravel clay 86; gravel boulders sand 87; cemented sand gravel 94; white clay Marl 92; cemented sand gravel 103; gravel sand boulders 106; cemented sand gravel 114; bedrock 116.
		Oct. 19, 1966					T 31-66	Fill 3; black muck 6; sand gravel 9; brown clay gravel 16; grey clay gravel streaks 21; grey hard clay 29; brown clay gravel 31; grey hard clay sand 46; sandy clay gravel streaked 47; gravel cemented sand gravel 65; sandy clay gravel streaked 75; gravel sand boulders Marl hard packed 86; boulders gravel sand clay 102; cemented sand gravel 104; gravel boulders sand clay 106; cemented sand gravel 107; gravel sand boulders clay 113; grey clay gravel 116.
P. Glasser	Kerr's Well Drlg.	Mar. 20, 1967	16	800	45	29	P	Fill 4; black muck 7; sandy clay gravel 10; brown clay gravel 15; clay gravel boulders 32; sandy grey clay 44; grey clay gravel 67; grey gravel boulders 80; gravel sand boulders 111; boulders gravel clay 114. Water from 80 to 114.
		Dec. 6, 1967	10	457	105	67	P	Sandy clay 6; clay silt gravel 12; grey clay 62; gravel sand boulders 138; gravel gravel streaks 104; sandy clay gravel boulders 138; coarse sand fine gravel 142; gravel sand 149; gravel sand boulders hard streaks 167; sand gravel 171. Water at 62 and 138.
		Dec. 17, 1967	5	10	110	90	D	Silty sand 110; silty sand 140. Water at 140.
		Aug. 10, 1966	30	5	60	60	S	Blue clay 60; coarse sand 70. Water at 60.
New Hamburg, Town	Lone Star Well Digging	Aug. 10, 1966	30	5	60	60	S	Blue clay 60; coarse sand 70. Water at 60.
		May 18, 1964	6	12	10	5	D, S	Red clay 13; black limestone 43. Water at 40.
		Aug. 4, 1966	6 1/2	13	84	12	S	Brown sandy soil 14; grey clay 19; white limestone 50; light blue limestone 98. Water at 45 and 95.
		July 29, 1966	6 1/2	10	250	160	D	Gravel stones sand 30; muddy sand 140; clay 21; hardpan 225; gravel clay 232; bedrock 275. Water at 265.
North Dumfries Twp. Con VII lot 1	J. Anderson G. Wallis W. Packham	Dec. 22, 1966	6 1/2	20	80	70	D	Sandy clay gravel 70; light brown sand 90; clay gravel 115; gravel 117. Water at 117.
		Nov. 27, 1964	6 1/2	20	40	22	D	Fit 6; stony clay loam 25; sandy clay 90; sand gravel 105; gravel shale 107. Water at 107.
Con VII lot 1	H. Stringer T. Spratt Ltd.	May 18, 1964	6	12	10	5	D, S	Red clay 13; black limestone 43. Water at 40.
		Aug. 4, 1966	6 1/2	13	84	12	S	Brown sandy soil 14; grey clay 19; white limestone 50; light blue limestone 98. Water at 45 and 95.
		July 29, 1966	6 1/2	10	250	160	D	Gravel stones sand 30; muddy sand 140; clay 21; hardpan 225; gravel clay 232; bedrock 275. Water at 265.
		Dec. 22, 1966	6 1/2	20	80	70	D	Sandy clay gravel 70; light brown sand 90; clay gravel 115; gravel 117. Water at 117.
Con VII lot 1	D. Greenidge	Nov. 27, 1964	6 1/2	20	40	22	D	Fit 6; stony clay loam 25; sandy clay 90; sand gravel 105; gravel shale 107. Water at 107.
Con VII lot 1	G. Spence	May 18, 1964	6	12	10	5	D, S	Red clay 13; black limestone 43. Water at 40.
		Aug. 4, 1966	6 1/2	13	84	12	S	Brown sandy soil 14; grey clay 19; white limestone 50; light blue limestone 98. Water at 45 and 95.
		July 29, 1966	6 1/2	10	250	160	D	Gravel stones sand 30; muddy sand 140; clay 21; hardpan 225; gravel clay 232; bedrock 275. Water at 265.
		Dec. 22, 1966	6 1/2	20	80	70	D	Sandy clay gravel 70; light brown sand 90; clay gravel 115; gravel 117. Water at 117.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST 6 P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont. N. Dumfries Twp. - cont. Con VII lot 4	J. Schmit	W. Packham	Jan. 12, 1967	6 1/4	20	80	30	Fresh	D	Stones clay 15; soft clay 85; stones gravel clay 104; gravel 105. Water at 105.
Con VII	G. Kalleja	"	Nov. 16, 1967	6 1/4	10	88	83	"	D	Clay gravel 35; sand gravel boulders 90. Water at 90.
Con VII	R. Davies	S. Gill	Nov. 14, 1966	6 1/4	20	90	80	"	D	Brown clay boulders 25; clay stones 75; sandy clay stones 120; sandy clay 152; grey sand gravel 175. Water at 175.
Con VII	G. Kalleja	W. Packham	Oct. 27, 1967	6 1/4	25	40	37	"	S	Clay large boulders 25; clay gravel 60; coarse gravel 62. Water at 62.
Con VII	P. Palo	Lone Star Well Digging	Aug. 19, 1965	30	10	11	6	"	D	Sand 12. Water at 6.
Con VII	C. Simmons	G. Wallis	July 4, 1966	6 1/4	20	50	27	"	D, S	Gravelly brown sand 35; grey sand gravel 65; grey sand 85; fine grey silt sand 111; sandy blue clay 138. Water from 52 to 111.
Con VII	S. S. #16	H. Baddvean	Oct. 15, 1964	7	15	60	35	"	P	Well pit 13; boulders gravel 30; clay gravel 60; fine sand 134; fine sand clay balls 154; coarse gravel 164 1/2; clay. Water from 163 to 164.
Con VII	G. Tanner	Lone Star Well Digging	Mar. 31, 1967	30	10	6	6	"	D	Coarse gravel 12 1/2. Water at 6.
Con VII	Robbs Mobile Feeds	"	Aug. 21, 1964	30	3	30	20	"	C	Sand 20; coarse gravel 30; fine gravel 35. Water at 20.
Con VIII	M. Horst	W. Packham	Feb. 20, 1965	6 1/4	20	55	47	"	D	Sand gravel stones 30; sandy mud gravel 105; hardpan 109; gravel 110. Water at 110.
Con VIII	W. Jenkins	"	June 19, 1965	6 1/4	30	30	25	"	D	Stony gravel clay 20; silty sand gravel 50; large stones gravel 58. Water at 58.
Con VIII	G. Thiele	Graham Well Drigs	June 22, 1965	5	10	60	43	"	D	Gravel sand stones 15; clay sand boulders 116; cemented gravel 122; light brown rock 167. Water at 166.
Con VIII	R. Loker	W. Packham	Oct. 14, 1966	6 1/4	20	40	32	"	D	Clay stones 15; clay gravel 75; hardpan 85; gravel 90. Water at 90.
Con VIII	R. Hube	G. Wallis	Oct. 20, 1966	6 1/4	20	60	48	"	D	Sand gravelly brown clay 75; gravelly blue clay 98; sand gravel 106. Water from 98 to 106.
Con VIII	A. Wozniuk	"	Mar. 10, 1967	6 1/4	20	80	50	"	D	Brown sandy clay 45; grey sandy silt 90; blue clay 100; grey sand silt 120; blue clay 135; cemented sand gravel 140; grey limestone 160. Water at 150.
Con VIII	C. Kroll	"	Apr. 12, 1967	6 1/4	7	175	64	"	D	Clay stones 20; brown clay gravel 35; brown sand 85; fine grey sand 100; clay sand silt gravel 120; grey silt sand 135; cemented sand gravel 155; grey limestone 192. Water at 190.
Con VIII	E. Pastor	W. Packham	May 26, 1965	6 1/4	15	75	42	"	D, S	Stones gravel clay 60; sand 100; sand gravel 104; gravel 105. Water at 105.
Con VIII	W. McCulloch	C. Shantz	Jan. 13, 1964	5	8	18	15	"	D, S	Topsoil 1; sandy clay boulders 50; blue clay 125 1/2; sand gravel 120; clay gravel 152; gravel. Water at 125 1/2 to 126 and at 132.
Con VIII	G. Dance	Steinman & Baird	Feb. 27, 1965	5	15	101	96	"	D, S	Brown clay 8; stones gravelly hardpan 20; gravelly hardpan dirty gravel 84; sandy gravel 124; fine sand 148; sandy gravelly hardpan 246; grey clay 251; blue shale 257. Water at 236.
Con VIII	J. Taylor	H. Eddyvean	Sep. 18, 1967	5	4	70	37	"	D	Well pit fine sand 20; fine sand clay 70; fine sand 79; sand gravel 83. Water from 81 to 82.
Con VIII	N. Drynan	C. & H. Kerr	June 10, 1965	8 1/4	20	30	15	"	D	Boulder gravel 5; coarse sand 9; boulder gravel 30; fine gravel 38; coarse gravel 42. Water at 42.

WATERLOO COUNTY - cont.																			
North Dumfries Twp.-cont.																			
Con VIII	lot 29	R.Vanoostveen	G.Wallis	Nov. 4, 1967	6 1/2	15	43	39	Fresh	S									
Con VIII	"	"	"	Oct. 13, 1967	6 1/2	20	50	8	"	D	Brown sand gravel stones 18;gravelly brown clay 60;sand gravel 67. Water from 60 to 67.								
Con VIII	"	B.Hall & D.Dance	Durham Drlg. & Enterprises	Apr. 10, 1964	4	20	65	60	"	D	Brown sand gravel stones 29;blue clay 60;gravelly blue clay 74;fine gravel 76. Water from 74 to 76.								
Con IX	"	G.Linton	Hadoo Well Digging Ltd.	Aug. 3, 1964	30	1/2	13	13	"	D	Open hole 7;yellow sand 100;grey sand 140;quicksand 210;blue clay 220;blue shale 227. Water from 225 to 227.								
Con IX	"	K.Moxon	S.Gill	Oct. 21, 1964	6 1/2	15	50	10	"	D	Topsoil 1;brown clay rocks 7;brown sand 12;gravel 14;brown sand 18;brown clay 20. Water at 12.								
Con IX	"	J.Hennink	W.Packham	June 22, 1965	6 1/2	30	50	25	"	D	Clay boulders 30;silt 55;clay gravel 60;grey clay 75;clay sand 90;small gravel 95. Water at 95.								
Con IX	"	D.Harvie	"	Feb. 1, 1964	6 1/2	20	85	55	"	D	Clay gravel 15;sandy clay 65;gravel stones 100. Water at 100.								
Con IX	"	Renwick Constr. Ltd.	F.Ince	Aug. 13, 1964	6 1/2	8	80	55	"	D	Pit 5;sandy clay gravel 30;grey sandy clay 143;shale 145. Water at 145.								
Con IX	"	R.Paddock	W.Packham	Nov. 13, 1964	6 1/2	20	55	45	"	D	Brown stony clay 15;stony blue clay 100;fine gravel 110. Water at 108.								
Con IX	"	R.Albright	"	Nov. 24, 1964	6 1/2	20	120	37	"	D	Loamy clay stones gravel 40;soft clay gravel 75;sand gravel 80;gravel 82. Water at 82.								
Con IX	"	B.Kats	"	Feb. 27, 1965	6 1/2	20	47	40	"	D	Stony gravel clay 40;fine sandy clay 100;stones gravel clay 115;rock 140. Water at 135.								
Con IX	"	J.Elliott	"	May 13, 1965	6 1/2	20	55	50	"	D	Stony clay 30;sand 30;stone gravel 95;gravel 96. Water at 96.								
Con IX	"	H.McNally	"	Aug. 5, 1965	6 1/2	30	50	38	"	D	Sandy clay gravel 40;muddy sand 75;sand gravel 95;gravel 100. Water at 100.								
Con IX	"	S.Huddle	F.Ince	Sep. 21, 1965	6 1/2	4	95	40	"	D	Sand clay stones 20;sand gravel 105;sand gravel large stones 118;bedrock 127. Water at 124.								
Con IX	"	P.Lindhorst	W.Packham	Apr. 29, 1966	6 1/2	20	70	53	"	D	Brown stony clay 20;blue stony clay 100;fine gravel 104. Water at 104.								
Con IX	"	"	"	Dec. 19, 1966	6 1/2	10	80	50	"	D	Stony sandy clay 20;clay sand mixed 70;reddish brown fine sand 90;coarse sand gravel 95. Water at 95.								
Con IX	"	J.Hahn	S.Gill	July 2, 1967	6 1/2	10	50	23	"	D	Stony gravel clay 35;muddy sand 75;sand gravel clay 92;sand 100;coarse stone gravel 102. Water at 102.								
Con IX	"	J.Koole	S.Wallis	Sep. 22, 1967	6 1/2	20	70	46	"	D	Sandy clay boulders 25;grey sand clay 80;gravel 82;grey sand 94;gravel sand stone 100;grey rock 111. Water at 111.								
Con IX	"	Renwick Constr. Ltd.	W.Packham	July 10, 1967	6 1/2	20	90	44	"	D	Sand gravelly brown clay 27;sand gravelly blue clay 45;grey sand 60;gravelly blue clay 70;sand gravelly brown clay 92; fine sand 100;fine gravel 103. Water from 100 to 103.								
Con IX	"	Z.Gojmerac	McLaughlin Water Wells & Supply	Dec. 6, 1967	7	10	60	50	"	D	Sandy clay 30;clay gravel 98;clay coarse gravel 103;gravel 105. Water at 105.								
Con IX	"	Renwick Constr. Ltd.	W.Packham	Oct. 12, 1967	6 1/2	15	60	50	"	D	Clay stones 30;clay sand 75;clay hardpan 95;hardpan loose hardpan 106;gravel 107. Water from 106 to 107.								
Con IX	"	E.Atkins	G.Wallis	Oct. 28, 1967	6 1/2	6	100	48	"	D	Gravel stones 15;sandy clay gravel 30;clay 55;hardpan 70; stone gravel 73. Water at 73.								
Con IX	"	R.Ferdinand	W.Packham	Nov. 2, 1967	6 1/2	10	90	65	"	D	Brown gravelly clay stones 40;sand gravelly grey clay 72; brown clay 90;grey clay silt sand 102;light grey limestone 1158. Water at 112.								
Con IX	"	W.Reilly	"	Nov. 18, 1967	6 1/2	20	75	65	"	D	Sand fill 2; sandy clay gravel 35;clay 85;sand gravel 95; gravel 98. Water at 98.								
Con IX	"	F.Harding	C.Shultz	Jan. 3, 1964	5	12	65	53	"	D	Pit 7;clay stones 75;sand 85;sand gravel 90. Water at 90. Sandy clay 8;clay gravel 58;sandy clay 71;silty sandy clay gravel 87;gravel clay 125;rock 144. Water from 140 to 144.								

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WATERLOO COUNTY - cont. N. Dumfries Twp.-cont. Con IX	R. Addis	J. Stefan	Sep. 22, 1964	4	10	55	48	Fresh	D	Dirty gravel boulders 38; silty sand 88; hard packed sand gravel 112; fine gravel 115. Water at 112.
Con IX	Kenwick Constr.	W. Packham	Feb. 15, 1965	6 1/2	20	65	55	"	D	Sandy clay gravel 35; sand gravel layers clay 119; bedrock 125. Water at 102.
Con IX	P. Lindhorst	"	July 8, 1965	6 1/2	30	80	50	"	D	Stones sandy clay 15; sandy clay gravel 50; fine sand 88; sand gravel 105; fine sand 110. Water at 110.
Con IX	B. VanBorch	"	Aug. 11, 1965	6 1/2	30	35	24	"	D	Stones gravel 20; sandy clay gravel 75; stones sandy clay gravel 80; bedrock 92. Water at 90.
Con IX	G. Schultz	"	Aug. 4, 1966	6 1/2	20	85	45	"	D	Sand clay small stones 90; coarse gravel clay 98; rock 105. Water at 102.
Con IX	R. Vondrau	"	July 13, 1967	6 1/2	20	45	38	"	D	Sand clay gravel 55; hardpan 70; muddy sand gravel 103; rock 104. Water at 105.
Con IX	G. Ferdiand	"	Aug. 22, 1967	6 1/2	25	45	39	"	D	21 7/8; gravel clay gravel 50; gravel hard clay 70; muddy sand gravel 102; bedrock 105. Water at 104.
Con IX	P. Lindhorst	"	Mar. 31, 1967	6 1/2	20	45	35	"	D	Sandy clay stones 15; sandy clay fine gravel 70; fine sand 95; sand gravel 105; bedrock 109. Water at 107.
Con IX	C. Wizza	"	Apr. 17, 1967	6 1/2	20	45	40	"	D	Sand clay stones 30; sandy clay gravel 75; sand 100; clay gravel 108; rock 110. Water at 110.
Con IX	H. Stoll	Graham Well Drig	Nov. 18, 1964	7	10	80	55	"	D	Old dug well 50; hard sand 75; clay stones 108; stony hardpan 119; fine grey sand 124; broken rock 127; grey limestone 156; black grey limestone 156. Water from 156 to 136.
Con IX	Emanuel Christ- ian School	W. Packham	July 20, 1965	6 1/2	20	100	50	"	P	Stones clay 15; sandy clay gravel 70; sand 95; bedrock 138. Water at 150.
Con IX	W. Johnson	G. Wallis	Dec. 16, 1964	6 1/2	30	75	54	"	D	Brown clay gravel stones 25; brown sand gravel 44; grey sand silt 67; sand silt soft grey clay 120; blue clay 138; grey limestone 147. Water at 145.
Con IX	E. Taylor	W. Packham	Oct. 31, 1967	6 1/2	20	45	46	"	D, S	Stones gravel 35; gravel 52; fine muddy sand 60; gravel 63. Water at 63.
Con IX	T. Wright	"	Oct. 24, 1967	6 1/2	15	105	100	"	D	Stones gravel 60; gravel clay 110; clay gravel 150; gravel 155. Water at 155.
Con IX	B. Asmussen	McLaughlin Water Wells	Aug. 14, 1967	7	15	30	25	"	D, S	Stones soil 2; gravel 20; gravel hardpan 32; clay sand 46; gravel 47. Water at 46.
Con IX	R. Herd	C. Shantz	June 2, 1964	5	8	80	49	"	D, S	Dug well 39; sandy clay 75; clay 165; clay gravel 173; sand gravel 175. Water from 173 to 175.
Con IX	J. Sangers	W. Packham	Jan. 10, 1966	6 1/2	10	70	65	"	D, S	Topsoil 2; sand 10; coarse stone gravel 30; fine sand 50; clay 88; fine sand 90. Water at 88.
Con IX	C. Eby	McLaughlin Water Wells Supply Ltd	Apr. 10, 1967	7	15	55	45	"	D, S	Dry gravel 20; grey clay hardpan 60; hardpan 80; loose hardpan 81; gravel 82. Water from 81 to 82.
Con IX	E. Weber	Durham Drig. & Enterprises	Apr. 1, 1964	4	20	65	59	"	D	Topsoil 6; gravel boulders 30; grey clay 50; hardpan 70; grey silt 100; quicksand 170; soft clay 200; hard clay 210; fine gravel 212. Water at 210.
Con IX	J. Seagraves & Sons Ltd.	International Water Supply Ltd.	Feb. 19, 1965	2			Flow	"	T 1-65	Brown sandy clay 4; brown clay gravel boulders 6; grey clay gravel boulders 42; grey sandy clay small gravel streaks 70; sand mud 95; silt fine sand 99; sand mud 102; silt fine sand 110; sand silt 117; silt fine sand 120; sand silt 136; cemented sand gravel 138; grey red clay sandy hard 149; bedrock. Water at 70.



Con IX	J. Seagraves & Sons	International Water Supply	Feb. 19, 1965	2		Flows	Fresh	T	Topsoil 4; sand gravel shells 8; sand gravel odd boulder clay streaks 15; hard blue clay gravel 48; silt fine sand 66; silt sand 88; silt 100; sand silt 113; silt sand 118; silt clay gravel 123; dirty silt clay 139; clay gravel 154; limestone 163. Water at 40.
Con IX	"	"	Feb. 23, 1965	2	"	"	"	4-65	Topsoil 3; gravel sand boulders 9; grey clay sandy gravel 20; grey clay 57; silt sand 74; sand silt packed 129; sandy hard clay 152; grey clay small gravel streaks 160; bedrock. Water at 57.
Con IX	"	"	Feb. 24, 1965	6	"	"	"	3-65	Topsoil 4; gravel coarse gravel 15; tight sand clay 38; clay boulders 69; tight silt sand 78; silt sand 97; clay 129; silt sand 132; clay boulder 138; rock.
Con IX	"	"	Feb. 27, 1965		"	"	"	4-65	Brown clay gravel boulders 6; grey clay gravel 33; grey silty rock. 38; grey clay gravel 45; grey clay 66; silt fine sand 155; bedrock.
Con IX	"	"	Mar. 2, 1965		"	"	"	6-65	Brown clay gravel boulders 7; sand gravel streak 20; grey clay gravel streak 32; grey clay gravel 47; grey clay 58; silt fine sand 65; grey sandy clay 80; sand silt gravel streak 88; sand silt 100; sand silt fine gravel 118; grey clay 120; sand silt 127; silt sand 131; sandy clay sand streaks 163; bedrock.
Con IX	"	"	Mar. 3, 1965		"	"	"	7-65	Sand gravel boulders 16; boulders sand gravel 30; sandy grey clay gravel streaks 45; sandy grey clay hard packed gravel 69; cemented sand gravel 70; grey clay gravel hard packed 90; sand silt 127; grey sandy clay 135; sand silt 171; bedrock.
Con IX	"	"	Mar. 5, 1965		"	"	"	8-65	Brown clay 2; gravel sand boulders 7; sandy grey clay gravel 22; sandy grey clay 38; sandy grey clay gravel hard packed 49; grey clay gravel 67; sandy grey hard clay 78; sand silt 95; sand silt fine gravel streaks 103; sand silt odd fine streak gravel 108; sand silt gravel streaks hard packed 166; bedrock.
Con X	P.U.C.	"	Aug. 15, 1966		"	"	"		Topsoil boulders 1; hard clay gravel 2; soft clay gravel 8; sand clay gravel hard streaks 18; silty sand 21; dirty gravel 24; sandy clay 30; brown clay 44; cemented gravel boulders 86; cemented sand gravel 99; grey limestone 108; grey brown limestone 140; brown grey limestone 148; brown limestone 159. Water at 44 and 105.
Con X	J. Kurzwski	G. Wallis	July 28, 1966	6 1/2	20	50	18	D	Brown sand gravel stones 30; gravelly grey clay 70; cemented sand gravel 91 1/2; fine gravel 92. Water at 91 1/2.
Con X	P.U.C. Galt	International Water Supply Ltd.	Mar. 20, 1967	8	45	15	Flows	T	Black muck 1; silty clay sand gravel 18; fine coarse sand gravel 29; fine coarse gravel boulders 39; cemented gravel 42; fine coarse gravel sand cemented streaks 64; clay gravel 73; cemented gravel fine sand 80; rock 82. Water at 18.
Con X	A. Young	Hedco Well Digging Ltd.	July 12, 1966	5 1/2	5	80	8C	D	Brown clay 6; sand gravel 44; blue clay boulders 52; gravel 80. Water at 80.
Con X	B. Schultz	G. Wallis	Dec. 1, 1964	6 1/2	20	95	45	D	Brown clay stones 28; brown sand silt 38; brown sand soft clay 50; blue clay 75; brown sand clay silt 106; grey peck sand 115; grey limestone 14 1/2. Water at 140.
Con X	J. Layh	W. Packham	May 25, 1966	6 1/2	20	39	34	D	Sand gravel clay loam 30; fine sand clay 115; coarse sand gravel 118. Water at 118.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOGS AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
WATERLOO COUNTY - cont. N.Dumfries Twp. - cont. Con X lot 5 G.Watson		C.Shantz	Sep.14,1964	5	8	112	81	Fresh	D	Dirty gravel boulders 14;gravel clay streaks 80;gravel 102; clay 106;gravel 126;grey limestone 196. Water from 140 to 142 and from 190 to 196.
Con X 5 J.Chester		W.Packham	Oct.19,1964	6 1/2	20	45	30	"	D	Stones gravel 25;sandy clay Gravel 65;gravel 71. Water at 71.
Con X 5 H.King		"	Apr. 1,1966	6 1/2	20	40	38	"	D	Clay loam stone gravel 50;sand gravel 54;gravel 56. Water at 56.
Con X 5 H.Cooper		S.Gall	Nov. 5,1966	6 1/2	15	65	33	"	D	Sandy clay boulders 35;gravel sand 75;gravel 85;fine sand 95;grey rock 102. Water at 102.
Con X 5 H.Huff		"	Dec.28,1966	6 1/2	15	65	30	"	D	Clay boulders 30;sandy clay 72;gravel 81;fine sand 96;grey rock 120. Water at 120.
Con X 5 D.Page		G.Wallis	Mar.16,1967	6 1/2	20	70	50	"	D	Sand gravelly brown clay 40;brown sand 62;sandy blue clay 80; sand fine gravel 92. Water from 80 to 92.
Con X 20 D.Loker		H.Eadyvean	Nov. 5,1966	5	10	75	70	"	D	Topsoil 1;boulders clay Gravel 20;coarse gravel 48;sandy clay 95;sand gravel 110. Water at 110.
Con X 22 T.Phillips		"	Aug. 2,1965	7	10	120	90	"	D	Topsoil 1;boulder Gravel 80;Gravel 150;sand gravel 172. Water from 150 to 172.
Con X 31 G.Eby		McLaughlin Water Wells Ltd.	June20,1967	7	Flows	Flows	Flows	"	D	Topsoil 2;sand 23;sand clay 51;sand 52;gravel 53. Water from 52 to 53.
Con X 32 F.Gaidies		W.Packham	June13,1966	6 1/2	15	115	47	"	D,S	Coarse sand loose clay 25;dirty sand 65;clay 120;heaving sand;170; fine muddy sand 205;hardpan coarse gravel clay 260. Water at 134 and from 134 to 137.
Con XI 3 Galt P.U.C.		International Water Supply Ltd	Dec.15,1964	4	40	30	30	"	T	Sand gravel streaks 26;gravel sand boulders streaked 38; boulders gravel sand 58;sandy grey clay gravel hard packed 65; rock. Water at 30.
Con XI 3 "		"	Dec.15,1964	2				"	T	Sand gravel boulders streaks 28;gravel boulders sand 55;sand clay gravel 58;bedrock. Water at 28.
Con XI 3 "		"	Dec.15,1964	2				Fresh	T	Gravel sand boulders streaked 56;clay gravel 60;bedrock.
Con XI 15 D.Cremble		H.Eadyvean	Nov.14,1966	5	10	35	8	"	3-64	Water at 27.
Con XI 16 E.Wright		W.Packham	Mar.13,1964	6 1/2	25	35	27	"	D	Topsoil 1;boulders gravel clay 10;coarse gravel sand 40;sand 50. Water from 16 to 50.
Con XI 16 J.Greulich		"	Sep.24,1965	6 1/2	30	35	28	"	D	Pit 7;gravel stones 25;sand 35;muddy sand 123;shale 126. Water at 126.
Con XI 16 R.Waldeck		"	Oct.13,1965	6 1/2	15	100	30	"	D	Pit 5;coarse gravel 35;fine quicksand 60;hard clay 65;fine quicksand 135;sand gravel 138. Water at 138.
Con XI 16 J.Harrington		"	May 21,1966	6 1/2	2	34	29	"	D	Topsoil 8;sand gravel 55;sandy clay 140;sand gravel 148. Water at 148.
Con XI 16 G.Barnes		G.Wallis	Nov.12,1966	6 1/2	20	55	30	"	D	Stones gravel 25;finer sand gravel 35;clay 40. Water at 35.
Con XI 16 J.Deveney		"	Sep.22,1967	6 1/2	10	128	33	"	D	Brown sand gravel stones 35;grey sand silt 120;sand Gravelly clay silt 150;fine gravel 151. Water at 150.
Con XI 17 A.McDonald		W.Packham	Apr. 9,1965	6 1/2	10	26	24	"	D	Sand gravel stones 25;brown sand 35;grey sand silt 117; Gravelly blue clay 134;sand fine gravel 142. Water from 134 to 142.
Con XI 25 NorthDumfries Twp.SchoolArea		McLaughlin Water Wells & Supply Ltd.	Nov. 8,1965	8	30	69	58	"	P	Sand Gravel clay 25;sand gravel 32. Water at 32.
Con XI 30 S.Lorrman		H.Eadyvean	Oct.30,1964	7	15	48	46	"	D	Topsoil 2;clay sand 10;clay 25;clay sand 85;loose hardpan 89; gravel 90. Water at 89.
								"	D	Topsoil 1;clay gravel 20;gravel boulders 60;sand 78;sand gravel 101. Water at 101.

WATERLOO COUNTY - cont.  
N. Dumfries Twp.-cont.

Con	XI	lot 30	B. Engle	H. Eddyveen	May 4, 1965	7	20	46	40	Fresh	D, S	Topsoil 1: gravel 76; fine sand 90; coarse sand 103. Water from 90 to 103.
Con XI					Feb. 12, 1965	7	10	55	35	"	P	Topsoil 1: sand gravel 36; cement sand 60; sand gravel 81. Water from 60 to 81.
Con XI					July 10, 1964	6 1/2	13	50	40	"	D	Top clay 3: sand 25; gravel 60; gravel 68. Water from 60 to 68.
Con XI					Feb. 18, 1964	5	20	41	40	"	D	Topsoil 1: sandy clay 11; gravel clay 67; gravel sand 77. Water from 67 to 77.
Con XII					June 13, 1966	6 1/2	15	53	29	"	D	Brown sand gravel 42; grey sand gravel clay 64; brown limestone 67. Water at 66.
Con XII					Aug. 31, 1967	6 1/2	8	105	80	"	D	Sand gravel 11: clay 60; gravelly blue clay 75; blue clay 11; sand gravel 113. Water at 61.
Con XII					Feb. 20, 1966	6 1/2	20	75	45	"	D	Clay gravel 25; clay 80; limestone 98. Water at 95.
Con XII					June 8, 1966	6 1/2	20	51	30	"	D	Brown sand gravel 54; yellow sand gravel 64; fine gravel 65.
Con XII					Oct. 16, 1964	6 1/2	20	50	35	"	D	Water at 64.
Con XII					Sep. 17, 1965	2	40	12	7	"	D	Pit 5; gravel stone 25; soft sandy clay 50; very fine pack sand 90; sand 95; gravel 99. Water at 99.
Con XII					Sep. 24, 1965	2	12	18	15	"	T	Topsoil 1: dirty sand gravel clay 5; sand gravel 50; packed gravel sand 110; old boulder 68; coarse gravel clay 86; packed gravel sand 110; cemented gravel 113; gravel clay cemented streaks 131; rock 132. Water at 86.
Con XII					Sep. 30, 1965	2	18	8	8	"	T	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII					Oct. 6, 1965	2				"	T	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII					Oct. 15, 1965	2				"	T	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII					Oct. 19, 1965	2	40	9	5	Fresh	T	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII					Oct. 29, 1965	2	6	160	24	Fresh	T	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII					Aug. 3, 1967	6 1/2					D	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII					Oct. 27, 1965	5					T	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII					Apr. 18, 1966	5					T	Topsoil 1: gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.

\* See end of Appendix C for the meanings of abbreviations and symbols.





WATERLOO COUNTY - cont.  
N. Dumfries Twp. - cont.

WATERLOO COUNTY - cont.										
N. Dumfries Twp. - cont.										
GRW Con VIII lot 2	A. Weigl	W. Packham	Dec. 30, 1964	6½	20	45	39	Fresh	D	Stony fill 3; sandy loam stones gravel 20; sandy clay 75; sand gravel 85. Water at 85.
GRW Con VIII lot 2	K. Knoegel	G. Wallis	Mar. 25, 1967	6½	10	100	50	"	D	Brown sand gravel stones 30; brown sand 95; gravelly blue clay 105; gravelly brown silt 126; fine gravel 128. Water from 126 to 128.
GRW Con VIII "	A. Sheppard	W. Packham	May 26, 1967	6½	20	60	50	"	D	Stones gravel 20; sand gravel clay 85; sand gravel 90. Water at 90.
GRW Con VIII "	H. Ritter	"	June 19, 1967	6½	20	45	35	"	D	Sandy clay gravel 30; clay sand 70; sand gravel 80. Water at 80.
GRW Con VIII "	A. Leedingham	"	Sep. 18, 1967	6½	12	90	45	"	D	Pit 7; coarse gravel stones 23; sand gravel clay 95; gravel 100. Water at 100.
GRW Con VIII "	A. Sheppard	"	Oct. 26, 1967	6½	20	59	50	"	D	Stones gravel 25; sand clay 70; sand gravel 80; gravel 82. Water at 82.
GRW Con VIII "	R. Hockstra	G. Wallis	Apr. 8, 1966	6½	4	100	45	"	D	Brown sand gravel stones 22; fine brown sand 85; gravelly grey clay 116; sand to medium gravel 117. Water at 116.
GRW Con VIII "	"	"	Sep. 7, 1966	6½	20	50	20	"	D	Brown sand gravel stones 34; yellow sandy clay 48; gravelly grey clay 67; fine gravel 69. Water at 67.
GRW Con VIII "	A. Moffat	W. Packham	Oct. 5, 1966	6½	20	50	36	"	D	Sandy clay stones 15; sandy clay gravel 85; sand coarse gravel 90. Water at 90.
GRW Con VIII "	P. Racine	"	Nov. 20, 1966	6½	3	120	45	"	D	Dirty sand gravel 20; sandy clay stone gravel 50; sand clay 115; limestone 153. Water at 150.
GRW Con VIII "	H. Ritter	"	Nov. 28, 1966	6½	20	55	40	"	D	Sandy clay gravel 25; sandy clay stone gravel 50; sandy clay 80; stone gravel 85. Water at 85.
Preston, Town										
Canadian Office & School Furniture	P. Kerlovsky	McLaughlin Water Wells & Supply Ltd.	Sep. 1, 1964	7	25	15	6	Fresh	C	Fill 6; grey limestone 65. Water from 45 to 65.
Asphalt & Bituminous Supplies	C. & H. Kerr	"	Feb. 15, 1964	5	15	40	35	"	D	Gravel 41; hardpan clay 80; hardpan 83; grey limestone 99. Water at 85.
			June 28, 1965	6½	40	25	10	"	C	Stony gravel 20; grey rock 55. Water at 45 and 55.
Waterloo, City										
Seagrams	International Water Supply Ltd		May 15, 1964	16	800	77	58	Fresh	In	Fill 2; brown clay gravel 7; coarse gravel sand boulders 21; sand gravel 33; soft clay sand 40; hard blue clay 68; packed silty sand clay 90; gravel sand boulders 110; packed gravel boulders clay 116; gravel sand 123. Water at 90.
Kitchener Water Commission	"		June 4, 1965	2			15			Sand gravel 7; cemented gravel 18; hard packed sandy stony clay 34; cemented gravel 42; hard packed sandy clay gravel 51; hard grey stony clay 56; blue shale 58. Water at 34.
Beechwood Riding Academy & Wells supply Ltd	McLaughlin Water Wells supply Ltd		July 22, 1965	6½	10	36	24	Fresh	S	Sand clay 2; clay 15; sand clay 35; fine sand 55; coarse sand 60; gravel 61. Water from 60 to 61.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WATERLOO COUNTY - cont.										(Depths to which formations extend below the surface are given in feet)
Waterloo, City - cont.										
lot 1	Kitchener Water Comm.	International Water Supply Ltd.	Sep. 3, 1965	2			95		T 2-65	Brown clay 5; sand fine gravel 30; gravel boulders sand 62; sand fine gravel gravel streaks 83; boulders gravel sand 100; sand gravel marl 105; sandy red clay gravel streak 120; sandy grey clay small gravel streaks 134; sandy grey clay gravel 137; sticky grey clay sand 142; sandy grey clay gravel hard streaks 179; grey clay 182; sandy grey clay gravel streaks 185; blue clay sandy clay streaks 200; dirty sand 206; grey clay gravel hard packed 324; brown limestone 327.
	R. Andrews	Lone Star Well Digging International Water Supply Ltd.	Nov. 19, 1965	30	10	9	7	Fresh	D	Sand 7; coarse gravel 15. Water at 7.
	Kitchener Water Comm.	International Water Supply Ltd.	Nov. 26, 1965	2			3		T 38-65	Topsoil 1; dirty gravel boulders 10; sand clay gravel 17; packed sand gravel clay 26; sand gravel clay 31; clay gravel 33; shale. Water at 17.
	"	"	Feb. 8, 1966	2			36		T 4-66	Sandy brown clay 4; fine sand silt gravel 10; grey clay sand 72; gravel sand boulders clay 104; grey clay small gravel streak 119; sandy grey clay small gravel streak 140; dirty gravel clay streak 152; sandy clay gravel streak 176; sand gravel 178; bed rock limestone. Water at 72.
	G. Beaupre	Lone Star Well Digging	May 18, 1966	30	24	10	8	Fresh	D	Sand 8; coarse gravel 16; brown clay 18. Water at 8.
	C. Woolner	McLaughlin Water Supply Ltd.	June 6, 1966	6 1/2	20	70	40	"	D	Topsoil 2; clay 73; clay hardpan 120; hardpan 138; gravel 139. Water at 138.
Waterloo Twp. Beans Tract	Kitchener Water Comm.	International Water Supply Ltd.	Sep. 22, 1966	2					T 28-66	Topsoil 5; grey clay 10; sand gravel boulders clay 23; hard grey clay 30; silt clay streaks 49; gravel sand boulders 67; boulders gravel sand clay hard packed 74; gravel sand boulders 77; grey clay gravel streaks 83; grey clay 87; limestone 88.
"	Dr. R. Stanton	McLaughlin Water Wells & Supply Ltd.	Nov. 24, 1966	7	7 1/2	76	70	Fresh	D	Topsoil 4; gravel 15; grey clay gravel 30; grey clay sand 80; grey hardpan 85; gravel 86. Water from 85 to 86.
"	H. Peick	Lone Star Well Digging	Aug. 29, 1967	30	20	10	1	"	D	Topsoil 3; clay 19; gravel 20. Water at 19.
"	W. Gubler	Hadoo Well Drilling & Digging Ltd.	Nov. 8, 1967	30	3	16	10	"	D	Topsoil 1; sand 15; fine gravel 24; blue clay 25. Water at 10.
"	Kitchener Water Comm.	International Water Supply Ltd.	Oct. 6, 1966	2			Flows		T 29-66	Topsoil 1; sandy grey clay 4; black muck 5; silt fine gravel clay 70; hard grey clay 82; silty grey clay 84; limestone gravel sand boulders gravel streaks 91; gravel fine gravel boulders 112; cemented sand gravel 116; white clay marl gravel 118; cemented sand gravel 124.
"	"	"	Nov. 1, 1966	8	300	20	Flows		32-66	Grey clay sand 7; black muck 9; silty fine sand fine gravel clay 21; sandy clay gravel 72; sandy grey clay gravel 81; gravel boulders sand clay 112; gravel boulders clay hard packed 121.
"	"	"	June 14, 1967	26	85	39 1/2	"	Fresh	P	Sand fill 3; black muck 4; silty clay gravel 20; dirty sand gravel 29; fine coarse sand 36; silty clay gravel 56; silty sand 64; silty clay 65; silty sand 78; sticky grey clay 86. Water from 86.



## WATERLOO COUNTY - cont.

[illegible]

<sup>a</sup> See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. Beasley's Broken Front cont. BBF	lot 10 A.Constable	W.Packham	Apr. 6, 1966	6 1/2	10	115	110	Fresh	D	Sand 35; clay 95; clay fine gravel hardpan 142; sand coarse gravel 144. Water at 144.
BBF	" 10 P.Bassin	"	Apr. 11, 1966	6 1/2	10	120	107	"	D	Sand 55; clay fine gravel 110; hard clay 130; sand gravel 140. Water at 140.
BBF	" 10 K.Swartz	McLaughlin Water Wells & Supply International	Mar. 7, 1967	7	15	110	100	"	D	Fill 5; sand 30; grey clay 70; hardpan 120; sand 137; gravel 138. Water from 137 to 138.
BBF	" 12 Kitchener Water Comm	Water Supply	Aug. 19, 1965	10	60	9	5	"	T 17-45	Coarse gravel boulders sand 5; grey clay stoney 16; sandy clay gravel 21; coarse gravel sand 23; boulders clay sand 28; coarse gravel boulders sand 31; cemented gravel 38; weather limestone 41. Water at 21.
BBF	" 12 "	"	Aug. 27, 1965	2			4	"	T	Dirty gravel sand boulders 4; clay gravel boulders 10; sandy clay gravel 21; sand gravel 28; sandy clay gravel 34; dirty sand gravel 36; shale 37. Water at 10.
BBF	" 12 "	"	Sep. 9, 1965	1 1/2	75	16	6	"	T	Topsoil 1; dirty gravel boulders 6; sandy clay gravel 16; packed sand gravel clay 19; sandy clay gravel 23; sand gravel 27; gravel sand 42; shale. Water at 23.
BBF	" 12 "	"	Sep. 16, 1965	2			4	"	T	Topsoil 1; dirty gravel boulders 5; sandy clay gravel 18; packed sand gravel clay 25; gravel sand 28; packed sand gravel clay 31; sand gravel clay 34; packed gravel sand hard streaks 38; shale. Water at 25.
BBF	" 12 "	"	Sep. 21, 1965	2			Flows	"	T	Topsoil 10; gravel dirty cemented 21; boulders 23; gravel boulder 31; sand clay streaks odd boulders 45; clay boulders 46; shale 48. Water at 10.
BBF	" 12 "	"	Sep. 28, 1965	2			7	"	T	Topsoil 1; sandy loam 10; sand gravel clay 23; packed gravel sand clay 28; gravel sand clay 31; sand gravel 34; gravel sand clay 40; shale. Water at 28.
BBF	" 12 "	"	Sep. 29, 1965	2				"	T	Topsoil 2; cemented sand gravel boulders 15; sand odd boulder clay 17; boulder 20; sand odd boulder clay 25. Water at 15.
BBF	" 12 "	"	Oct. 12, 1965	2	67	14	6	"	T	Topsoil 1; sandy loam 8; packed gravel clay boulders 15; packed sand gravel clay 30; sand fine gravel 33; gravel sand clay packed streaks 37; shale. Water at 30.
BBF	" 12 "	"	Oct. 26, 1965	2			6	"	T	Topsoil 1; dirty gravel boulders 5; sandy clay gravel 17; packed sand gravel clay 20; sandy clay gravel 25; fine coarse sand 30; gravel sand 37; fine sand gravel 42; shale. Water at 25.
BBF	" 12 "	"	Nov. 9, 1965	2			10	"	T	Topsoil 1; dirty gravel sand 17; gravel sand clay 32; gravel sand clay 37; shale. Water at 17.
BBF	" 12 "	"	Nov. 18, 1965	2			3	"	T	Topsoil 2; dirty gravel sand 6; sand clay gravel 17; gravel sand clay 30; clay gravel 32; shale. Water at 17.
BBF	" 13 D.Wideman	Steinman & Baird	Aug. 17, 1965	8	55	105	72	"	T 37-65	Gravel 12; grey clay 57; gritty grey clay 74; gritty hardpan 102; dirty gravel 135; gravel 137; gravelly clay 149; dark brown limestone 184. Water at 183.
BBF	" 14 G.McMillan	Banes Drlg.	June 10, 1964	30	10	45	41	"	D	Sand 20; hardpan 22; sand 24; hardpan 26; gravel 36; gravel clay 42; clay fine stones 48. Water at 41.
BBF	" 14 W.Gimbel	Wilson's Well Drlg.	Nov. 23, 1965	5	6	95	75	"	D	Topsoil 2; brown clay stones 12; sand 15; blue clay boulders 70; cemented sand 112; sand 115. Water at 112.
BBF	" 14 K.Ainley	W.Packham	Dec. 9, 1967	6 1/2	20	80	60	"	D	Clay gravel 40; clay 75; hardpan 88; rock 95. Water at 92.
BBF	" 15 J.Wratten	"	Apr. 25, 1964	6 1/2	20	75	69	"	D	Sandy clay gravel 10; sandy clay 50; clay gravel hardpan 90; clay gravel 110; gravel 112. Water at 112.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Repts to which formations extend below the surface are given in feet)										
WATERLOO COUNTY - cont.										
Waterloo Twp. - cont.										
Beasley's New Survey	cont.									
BNS lot 9	C.Schneider	B. McLaughlin	May 11, 1964	5	15	100	60	Fresh	D, S	Topsoil 1; sand 45; clay sand 81; clay hardpan 104; sand 114. Water at 108.
BNS " 11	C. Becker	Kerr's Well Drig	Dec. 7, 1967	6 1/2	12	120	95	"	D, S	Dug well 90; sand 130; coarse sand 135. Water from 130 to 135.
BNS Beasley's Old Survey	M. Keefer	McLaughlin Water Wells	Nov. 15, 1966	6 1/2	15	44	34	"	D, S	Topsoil 3; gravel 20; boulders 25; clay 38; clay gravel 113; rock 120. Water from 113 to 120.
BOS " 3	G. Thomson	"	June 23, 1965	7	10	85	60	"	D	Clay hardpan 98; grey rock 101. Water at 101.
BOS " 4	C. Stollker	S. Gail	Jan. 21, 1964	6 1/2	20	35	25	"	D	Dug well 19; sand clay gravel 60; fine sand 77; gravel 78. Water at 78.
BOS " 4	P. Petterson	R. McLaughlin	May 1, 1964	7	15	48	40	"	D	Topsoil 1; gravel 26; clay hardpan 66; gravel 67. Water at 66.
BOS " 4	D. Gregory	C. Shantz	Aug. 7, 1965	5	20	66	50	"	D	Sand 12; sand gravel 28; clay 42; silty sandy clay gravel 68; sand gravel 79. Water from 68 to 79.
BOS " 4	E. Grasett	McLaughlin Water Wells & Supply	Dec. 9, 1966	7	12	55	31	"	D	Topsoil 2; silty clay 18; clay gravel 32; silty sandy clay gravel 68; brown clay 11; rock 120. Water from 118 to 120.
BOS " 8	J. Gorman	G. Wallis	May 17, 1966	6 1/2	20	100	60	"	D	Brown sand 65; gravelly brown sand 86; blue clay 102; sand 118; gravelly blue clay 178; fine gravel 181. Water from 178 to 181.
BOS " 10	Conestoga College	International Water Supply Ltd.	Oct. 4, 1967	2			59		T 1-67	Topsoil 1; sand gravel boulders 23; clay 47; sand gravel 62; clay 68; sand gravel 70; clay 84; sand gravel 87; clay 91; sand gravel 101; sand gravel 125. Water at 70, 87, 104 and 125.
BOS " 10	V. Nerlick	Hadco Well Drig. & Digging Ltd.	Oct. 5, 1967	5	5	95	55	Fresh	D	Cobblestone sand 20; pit run gravel clay 3; cemented gravel rocks 55; blue clay rocks 90; fine gravel sand 105. Water from 101 to 105.
BOS " 10	Conestoga College	International Water Supply Ltd.	Oct. 16, 1967	4	55	62	58	"	T 2-67	Topsoil 1; sand gravel 20; clay gravel 37; soft silty clay 52; clay gravel streaks gravel 64; sand gravel clay streaks 69; clay gravel 91; sand gravel cemented streaks 117; sand gravel 126; cemented sand gravel 140. Well abandoned; water at 117, 126, 140.
BOS " 10	"	"	Oct. 20, 1967	6	23	61	58	Fresh	T 3-67	Topsoil 1; sand gravel 22; clay gravel 41; soft silty clay gravel 47; gravel 59; gravel clay 61; clay gravel 67; sand gravel 69; clay gravel 82; sand gravel clay 90; cemented sand gravel 96. Water at 69 and 82.
BOS " 11	C. King	C. Shantz	Dec. 2, 1964	5	12	51	36	"	D	Topsoil 1; clay gravel 57; silty sandy clay gravel 76; sandy gravel 82. Water from 76 to 82.
BOS " 11	A. Schaefer	McLaughlin Water Wells & Supply	Oct. 25, 1966	7	8	59	58	"	D	Pit 3; clay gravel 15; gravel 20; clay gravel 118; gravel clay 124; gravel sand 132. Water from 124 to 132.
BOS " 11	L. Cormier	"	Dec. 1, 1966	7	15	73	65	"	D	Dug well 28; gravel 40; grey hardpan 80; grey hardpan stones 95; grey hardpan 105; gravel 106. Water from 105 to 106.
BOS " 12	Kitchener Water Comm.	International Water Supply	July 19, 1965	10					T 14-65	Fine sand 1; coarse gravel sand 4; hard packed sandy clay gravel 17; brown stony clay 26; cemented gravel 29; grey limestone 30.
BOS " 12	"	"	July 26, 1965	10					T 15-65	Coarse gravel boulders sand 5; grey clay stone 26; silty stony clay 43; limestone 44.
BOS " 12	"	"	July 30, 1965	10					T 16-65	Coarse gravel boulder sand 6; grey stony clay 26; sandy stony clay 36; cemented gravel 40; grey limestone 41.
BOS " 12	E. M. Kleuchich	Hadco Well Digging Ltd.	Oct. 21, 1966	5	8	90	78	Fresh	D	Brown clay 15; blue clay 95; gravel 105. Water at 105.
BOS " 12	J. Bieth	"	Jan. 14, 1967	5	8	100	55	"	D	Sand 16; brown clay 25; sand 55; blue clay rocks 125; sand layers 140; cemented gravel 170; rock 175. Water at 170.

## WATERLOO COUNTY - cont.

Waterloo Twp. - cont.	Tract	Owner	Driller	Date	Depth	Remarks
BOS	lot 12	J. Bieth	Hadco Well Drilling Ltd	Jan. 14, 1967	5	Sand 16; brown clay 25; sand 55; blue clay rocks 125; sand layers 140; cemented gravel 170; rock 175. Water at 170.
BOS	" 13	J. Hapel	C. Hill	Aug. 20, 1966	4	Sand 20; gravel 54; bluish grey limestone 122. Water at 122.
BT	Bechtel's Tract	A. Musselman	C. Shantz	Mar. 3, 1964	7	Topsoil 1; sandy clay 28; silty clay 58; silty sandy clay gravel 74; clay 78; gravel sand 95. Water from 78 to 95.
BT	"	F. Roemer	Hadco Waterwell Drilling Co. Ltd.	Oct. 6, 1964	5 1/2	Clay 2; sand 70; gravel 72. Water from 70 to 72.
German Company Tract						
GCT	lot 8	D. Schuk	W. Packham	Feb. 6, 1964	6 1/2	Sandy loam 30; clay 95; muddy sand 130; clay 180; sand gravel 183; gravel broken shale 184. Water at 184.
GCT	" 9	R. Broome	Hadco Well Drilling	Feb. 15, 1964	30	Topsoil 1; brown clay 3; gravel sand 5; brown sand 21; blue sandy clay 30. Water at 15.
GCT	" 27	E. Bauman	R. McLaughlin	Feb. 29, 1964	6 1/2	Dug well 45; brown sand 65; sandy clay stones 162; soft brown clay 140; blue clay stones 186; sand gravel 208. Water at 207.
GCT	" 28	A. Martin	McLaughlin Water Wells Supply Ltd.	May 5, 1965	5	Gravel 50; sand clay 85; hardpan 175; quicksand 190; hardpan 261; grey rock 275. Water from 264 to 275.
GCT	" 28	P. Querin	F. Straus	Sep. 24, 1965	5	Sand clay 125; hardpan 141; clay sand 210; hardpan 249; gravel 251. Water at 251.
GCT	" 28	E. Nafalger	Hadco Well Drlg. & Digging Ltd.	July 26, 1967	30	Topsoil 8; brown sandy clay 7; coarse brown sand 18. Water at 9.
GCT	" 30	Ersvillie Enterprises Ltd.	Durham Drlg. & Enterprises Ltd.	Dec. 8, 1966	5	Topsoil 1; sand gravel 30; brown clay 200; dark brown sand 215; layer clay 218; layer rock 220; red clay 260; blue shale 297. Water from 282 to 287.
GCT	" 32	W. Jarski	McLaughlin Water Wells & Supply Ltd	July 25, 1964	5	Topsoil 3; red clay 21; sand clay 131; red clay 140; sand 151. Water from 140 to 149.
GCT	" 32	J. Herzog	"	Dec. 9, 1965	5	Clay 35; sand 155; quicksand 170; clay sand 190; hardpan clay 277; gravel 280. Water at 277.
GCT	" 33	D. Ayer	"	Sep. 3, 1965	6 1/2	Topsoil 2; sand 15; clay sand 60; clay 95; clay sand 130; sand 135. Water at 130.
GCT	" 33	L. McCutcheon	W. Packham	Apr. 22, 1967	6 1/2	Sandy clay 70; fine gravel sand 80. Water at 75.
GCT	" 38	W. Kropp	Hadco Well Drilling	Feb. 18, 1964	30	Topsoil 2; clay 10; blue marl 15; blue clay 50. Water at 15.
GCT	" 38	M. Schell	Banes Drlg. Co.	Mar. 2, 1964	30	Grey clay 50. Water from 32 to 50.
GCT	" 38	H. Gingerich	McLaughlin Water Wells & Supply Ltd	Sep. 3, 1964	5	Fill 6; clay 70; clay sand 110; loose hardpan 145; sand 151; fine gravel 194. Water at 192.
GCT	" 38	W. Kropp	Hadco Waterwell Drlg. Co. Ltd.	Sep. 14, 1964	5 1/2	Clay rocks 75; sand gravel 135; gravel 172; sand 173; shale 175; coarse sand 185; shale 180; gravel sand 195; shale 220; fine sand 230. Water at 173.
GCT	" 38	Brandon Tile & Con.	McLaughlin Water Wells & Supply	Sep. 15, 1964	5	Dug well 32; clay 60; clay hardpan 90; clay sand 148; sand 164; gravel 165. Water at 164.
GCT	" 38	W. Kosch	"	Dec. 31, 1964	5	Fill 7; clay 40; clay hardpan 85; fine sand 172; coarse sand gravel 174. Water at 172.
GCT	" 38	Beld's Lunch	"	Aug. 6, 1965	5	Dug well 15; clay stones 85; clay sand 125; sand 160; sand 186. Water from 160 to 186.
GCT	" 38	York Nursery Ltd.	"	Sep. 10, 1965	5	Well pit 6; clay 80; sand clay 170; sand 180; gravel 181. Water at 181.
GCT	" 38	V. Montag	Kerr's Well Drlg.	Oct. 6, 1966	5 1/2	Brown clay 45; sandy clay 102; gravel 118; coarse sand 122. Water at 118.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations are noted below the surface are given in feet)										
WATERLOO COUNTY - cont. Waterloo Twp. - cont. German Company Tract lot 38	E. Zieschang	Kerr's Well Drlg	Oct. 18, 1966	5 1/2	15	140	120	Fresh	D	Dug well 60; brown clay 95; sandy clay 157; coarse sand 161. Water at 157.
GCT					12	130	127	"	D, S	Topsoil 2; clay sand 15; clay 105; sand hardpan 159; sand 169.
GCT	W. Tughan	B. McLaughlin	June 17, 1964	7	12	130	127	"	D, S	Topsoil 1; brown clay 12; grey clay gravel 107; dirty sand gravel 119; coarse sand gravel 140; medium coarse sand fine gravel 161; coarse sand fine gravel 165; grey clay 168; dirty sand 180; brown clay 184. Water at 119.
GCT	Ont. Hydro	D. Loughheed	Aug. 7, 1964	6	30	103	101	"	F	Topsoil 1; brown clay 12; grey clay 58; grey clay gravel 107; dirty sand gravel 119; coarse sand gravel 139; fine sand gravel 140; medium coarse sand fine gravel 161; coarse sand fine gravel 166. Water at 119.
GCT	"	"	Sep. 10, 1964	10	164	110	102	"	T 3-64	Topsoil 5; brown clay 8; clay hardpan 120; loose hardpan 155; gravel 156. Water at 155.
GCT		McLaughlin Water Wells & Supply	Aug. 28, 1966	5	10	130	125	"	D	Clay 4; stony clay 88; gravel 138; coarse sand 143. Water from 138 to 143.
GCT		Kerr's Well Drlg	Nov. 1, 1966	5	15	138	125	"	D	Dug well 90; clay sand 166; sand 180; clay 183. Water from 166 to 180.
GCT	D. Coates	P. Straus	June 30, 1965	5	12	114	110	"	D	Drilled previously 118; coarse gravel 137; coarse sand 141; coarse sand gravel 165; coarse sand clay 167. Water at 165.
GCT	Ont. Hydro	D. Loughheed	Dec. 12, 1966	8	200	119	104	"	F	Clay 10; sort brown clay 65; sand 83; sand clay 144; coarse sand 150. Water from 144 to 150.
GCT		Kerr's Well Drlg	May 26, 1967	5	15	139	120	"	D	Sand clay 210; rocks 230; shale 243; clay gravel rocks 270; rock 285; white rock 289; rock clay 309; clay 355; sand gravel 367; rock 375. Water from 367 to 375.
GCT		Hedco Well Drlg & Digging Ltd.	Jan. 2, 1965	7	80	260	180	"	N	Sand clay 195; gravel 200; clay 203; gravel 204; clay 211; gravel 212; sand clay 220; sand 226; sand 247; clay 247; clay rocks 252.
GCT	"	"	Jan. 8, 1965	5 1/2	12	160	120	"	D	Water from 195 to 212.
GCT		"	June 12, 1967	30	8	24	7	"	D	Topsoil 1; brown clay 7; brown sand 22; brown clay 27; gravel 30. Water at 7 and 27.
GCT	C. Doerner	C. & H. Kerr	Oct. 27, 1965	5	10	71	20	"	D	Sand clay 30; sand 65; sand clay 70; sand 75. Water from 70 to 75.
GCT	W. Martin	P. Straus	Mar. 9, 1967	5	19	35	25	"	D	Clay 49; dirty sand 55; clay 61; hardpan 113; dirty sand 115; clay 186; hardpan 203; clay 240; hardpan 260; gravel 261. Water from 260 to 261.
GCT	W. Wintermeyer							"	D	Sand loam topsoil 5; sand 40; sand gravel 48; gravel 55. Water at 55.
GCT	W. Horvat	W. Peckham	Apr. 12, 1966	6 1/2	20	45	34	"	D	Topsoil 2; gravel clay 18; clay hardpan 60; gravel 61. Water at 60.
GCT		McLaughlin Water Wells & Supply	Sep. 11, 1967	6	15	45	40	"	D	Sand clay 35; shale 99; gravel 107; shale 175; rock 194; sandy gravel 195. Water from 194 to 195.
GCT	K. Clarke	Hedco Well Drilling & Digging	Nov. 23, 1964	5 1/2	10	60	4	"	D	Grey clay 20; grey sandy clay 30; grey sand 40. Water at 30.
GCT								"	D	Clay boulders 53; clay 55; gravel clay 70; clay boulders 98; clay boulders gravel 149; gravel 177; limestone 179. Water from 149 to 177.
GCT	W. Singbeil	Advanced Farming Systems Ltd.	July 19, 1965	30	1	38	30	"	D	Brown clay 7; coarse sand 20; brown clay 25. Water at 15.
GCT	D. Smith		Mar. 15, 1966	5	20	150	30	"	D	Clay 7; sand 12; coarse gravel 15. Water at 7.
GCT		Lone Star Well Digging	Feb. 28, 1967	30	5	15	10	"	D	Topsoil 1; brown clay fill 7; grey clay 23; sand 28; blue clay 36; fine gravel 40. Water at 28 and 36.
GCT	B. Compass	J. Moore	Mar. 10, 1964	30	5	7	24	"	D	Clay 2; brown sand 10; brown sand 22; bluish sand 25. Water from 10 to 20.
GCT		H. Sommerfeld	Aug. 31, 1967	30	2	38	24	"	D	
GCT		H. Toman & Son	June 21, 1965	30	1	15	15	"	D	



## WATERLOO COUNTY - cont.

Waterloo Twp. - cont.

German Company Tract cont.

GCT	lot 66	S.Love	R. McLaughlin	Mar. 11, 1964	7	10	35	16	Fresh	D	Dug well 40; clay 57; boulder 58; clay 81; hardpan 104; gravel 105. Water at 104.
GCT	"	J. Reburn	Benes Drlg. Co.	Apr. 16, 1964	20	10	9	6	"	D	Topsoil 2; pit run 6; grey rocky clay 17. Water at 6.
GCT	"	J. McDonald	Graham Well Drlg.	May 13, 1964	5	10	90	60	"	D	Gravel stones 40; clay stones 135; sand gravel 154; gravel 160. Water at 159.
GCT	"	C. Totzke	McLaughlin Water Well & Supply Ltd	Nov. 30, 1964	7	15	Flows		"	D	Clay 30; hardpan 114; gravel 115. Water at 114.
GCT	"	J. Reburn	Leaco Drlg.	Sep. 14, 1965	4	6	50	40	Mineral	D	Clay stones 12; gravel 130; clay stones 165; limestone 170. Water at 170.
GCT	"	M. Polger	Lone Star Well Digging	June 6, 1966	30	10	35	32	Fresh	D	Brown clay 20; sand 35; coarse gravel 40; blue clay 42. Water at 35.
GCT	"	J. Schnurr	"	June 21, 1966	30	5	50	41	"	D	Blue clay 50; coarse gravel 60. Water at 50.
GCT	"	N. W. Attlauser	"	June 11, 1966	30	5	60	50	"	D	Sand 20; coarse gravel 60; blue clay 67. Water at 60.
GCT	"	J. Mount Stephen	Hadco Well Drlg. & Digging Ltd.	Oct. 14, 1967	5	10	80	65	"	D	Topsoil 1; brown clay rocks 16; blue clay 30; sandy gravel 40; blue clay rocks 110; red clay hardpan 143; sand gravel 150. Water at 150.
GCT	"	D. Karoher	Lone Star Well Digging	Oct. 31, 1964	30	20	45	30	"	S	Blue clay 100; coarse gravel 103. Water at 100.
GCT	"	I. Shantz	W. Packham	Jan. 3, 1966	6 1/2	20	70	30	"	D, S	Clay gravel 118; gravel sandy mud 124; soft clay 165; sand 170; gravel 172. Water at 172.
GCT	"	E. Kraft	McLaughlin Water Well & Supply Ltd	July 16, 1964	5	10	95	65	"	D	Soil 3; gravel 17; hardpan clay 103; gravel 105; clay hardpan 109; sand 125; coarse sand 130. Water at 125.
GCT	"	J. Knechtel	"	Nov. 5, 1964	7	10	90	25	"	D, S	Clay stones 28; sand 30; clay 45; hardpan 100; gravel 101. Water at 100.
GCT	"	J. Pay	F. Ince	June 17, 1967	8	24	50	40	"	D, S	Brown clay 6; stony clay 36; stony blue clay 113; gravel 116. Water at 116.
GCT	"	M. Cressman	N. Steinman	Mar. 27, 1967	7	20	57	36	"	D, S	Topsoil 2; brown clay 15; grey clay 73; hardpan 119; brown clay 127; grey shale 130; grey limestone 132. Water at 130 and 132.
GCT	"	A. Martin	McLaughlin Water Well & Supply Ltd	Nov. 2, 1966	7	15	45	25	"	D, S	Topsoil 1; gravel 20; grey clay 60; grey hardpan 62; gravel 63. Water from 62 to 63.
GCT	"	A. Schnurr	Hadco Well Digging Ltd.	Sep. 9, 1965	30	√ 2		17	"	D	Topsoil sand gravel fill 4; brown clay 8; grey sandy clay 17; grey marl 19; grey sand 26; grey clay 40. Water at 17.
GCT	"	"	Lone Star Well Digging Ltd.	June 16, 1966	30	10	15	10	"	D	Sand 12; brown clay 22 1/2. Water from 10 to 12.
GCT	"	T. Holotta	"	Aug. 17, 1966	30	5	10	7	"	D	Sand 7; gravel 10; dark clay 22. Water at 7.
GCT	"	A. Schnurr	"	Sep. 14, 1966	30	12	55	40	"	D	Coarse gravel 10; brown clay 55; blue clay 60. Water at 55.
GCT	"	J. Berwick	"	Aug. 4, 1967	30	15	7	25	"	D	Topsoil 2; blue clay 40; gravel 42. Water at 40.
GCT	"	C. Fromon	"	Sep. 8, 1967	30	20	20	5	"	D	Topsoil 3; clay 35; gravel 40. Water at 35.
GCT	"	"	Lone Star Well Digging	June 10, 1965	7	15	45	30	"	D	Topsoil 3; brown clay 95; hardpan 99; gravel 100. Water at 100.
GCT	"	J. Butschy	McLaughlin Water Well & Supply Ltd	July 21, 1965	30	1	24	11	"	D	Fine gravel 4; caving gravel boulders 10; boulders clay 24; sand gravel 27. Water from 12 to 14 and from 24 to 27.
GCT	"	L. Lauber	Hadco Well Drlg.	Sep. 15, 1966	30	3	22	12	"	D	Brown clay 12; gravel 16; brown clay 28. Water at 12.
GCT	"	A. Schnurr	Lone Star Well Digging	"	"	"	"	"	"	"	"
GCT	"	A. Kloepper	R. J. McLaughlin	Feb. 7, 1964	7	12	97	40	"	D, S	Gravel 37; clay hardpan 95; hardpan 123; gravel 125; blue clay hardpan 134; grey limestone 200. Water from 135 to 200.

<sup>a</sup> See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER TEST INCHES	PUMPING G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont.										
Waterloo Twp. - cont.										
German Company Tract lot 83	M.Hildenbrandt	Graham Well Drig	Jan. 7, 1964	6½	15	55	20	Fresh	D,S	Dug well 10; coarse sand 11; grey clay stones 80; fine sand 8½; peastone gravel 88. Water at 88.
" 86	W.Harnack	"	Mar. 12, 1964	7	10	75	35	"	D,S	Dug well 21; brown clay stones 45; grey clay 76; light grey clay stones 90; gravel fine sand 100; dark grey rock 110. Water at 110.
" 88	H.Schmitz	C.Hall	May 3, 1965	4	15	45	18	"	P	Sand 50; clay 72; grey blue limestone 135. Water at 135.
" 89	R.Smyrnuk	"	Sep. 11, 1965	4	6	70	22	"	D	Sandy clay 81; grey limestone 125. Water at 125.
" 94	A.Baker	Hadoo Well Drig. & Digging Ltd.	Aug. 17, 1967	30	5	23	17	"	D,S	Topsoil 18; brown clay 51; sand gravel 22; blue clay rocks 23. Water at 18.
" 98	L.Kron	"	June 16, 1965	30	1	6	6	"	D	Fall 5; gravel 7; boulders clay 25; blue clay rocks 35. Dry hole.
" 98	"	"	June 16, 1965	30	1	6	6	"	D	Sandy clay 6; sand gravel 8; fine sand 12; clay boulders 17; sandy clay 20. Water from 8 to 12.
" 99	J.Cowbrough	"	Oct. 24, 1967	5	8	35	22	Sulphur	D	Topsoil 1; brown clay 16; blue clay stones 84; grey shale 85; grey limestone 95. Water at 94.
" 100	A.Zinger	Graham Well Drig	Jan. 7, 1964	5	10	45	30	Fresh	D,S	Dug well 42; grey hardpan stones 98; fine sand 102; peastone gravel 104. Water at 104.
" 100	H.Weller	"	Oct. 27, 1966	5	20	80	31	"	D,S	Topsoil 15; brown clay 106; grey clay gravel 108; fine sand 110; coarse gravel 112. Water at 112.
" 106	Grobe Nursery Ltd.	F.Streus	Jan. 5, 1965	7	15	40	35	"	F	Dug well 42; brown clay 99; hardpan 112; sand clay 118; hardpan 125; sand 130; gravel 131. Water from 125 to 131.
" 106	G.Grobe	Banes Drig.	Nov. 11, 1964	30	10	20	20	"	D	Brown clay boulders 15; grey clay sand seams 25; grey clay 45. Water at 30.
" 108	N.Brochman	Lone Star Well Digging	Apr. 30, 1964	30	5	45	45	"	D	Blue clay 40; blue clay gravel 43. Water at 40.
" 108	"	Banes Drig. Co.	May 14, 1964	36				"	N	Topsoil sand stone 4; grey clay 20; grey clay sans seams 30; hardpan boulders 36. Insufficient water.
" 108	Hopewell Farms	C.&H. Kerr	Aug. 25, 1965	5	11	70	45	Fresh	C	Stony clay 8; gravel 40; boulder clay 135; blue clay 140; grey limestone 157. Water at 155.
" 110	George Eamussen Ltd.	G.Wallis	Nov. 15, 1965	6½	30	60	29	"	C	Sand gravel stones 15; grey clay sand gravel 45; fine sand gravel 53; cemented sand 75; coarse sand fine gravel 89½. Water at 89½.
" 111	O.Clemmer	R.McLaughlin	Mar. 26, 1964	7	15	80	50	"	D,S	Gravel 16; clay hardpan 40; gravel hardpan 68; clay quicksand 75; clay hardpan 105; blue clay hardpan 115; brown rock 123. Water at 118.
" 111	W.& W Airport	Lone Star Well Digging	Nov. 21, 1967	30	10	8	10	"	D	Brown clay 8; fine stones 14; clay 15. Water at 8.
" 112	Black Top Paving Co. Ltd.	C.&H. Kerr	Mar. 18, 1964	6½	23	65	13	"	C	Gravel 12; hardpan stones 62; limestone 68. Water from 65 to 68.
" 112	"	Kerr's Well Drig	May 16, 1966	6½	25	28	12	"	C	Gravel 12; hardpan stones 62; blue limestone 69. Water from 65 to 69.
" 114	V.Lacombe	C.Shantz	Jan. 13, 1964	5	8	40	33	"	C	Dug well 23; gravel clay 50; clay gravel 84; gravel sand 87. Water from 84 to 87.
" 114	G.McGulla	"	May 21, 1964	4	5	53	41	"	D	Gravel clay streaks 30; blue clay 40; sand 55; hardpan sand 104; gravel 105. Water at 104.
" 114	H. Meier	W.Packham	Nov. 7, 1964	6½	10	50	5	"	D	Clay stones gravel 45; gravel clay 55; gravel 58. Water at 58.
" 114	R.McLaughlin	McLaughlin Water Wells & Supply	Apr. 15, 1965	5	15	75	40	"	D	Gravel boulders 23; hardpan 117; limestone 120. Water from 117 to 120.
" 114	J.Reinhart	"	Feb. 16, 1966	6½	15	15	3	"	D	Topsoil 1; gravel 10; clay 22; hardpan 62; brown soft shale 68; brown hard rock 70. Water from 68 to 70.

WATERLOO COUNTY - cont.  
Waterloo Twp. - cont.  
German Company Tract cont.

GCT	Lot 114 L.Clark	Hadco Well Digging Ltd.	Aug.16,1966	30	3	26	Fresh	D	Topsoil 1;brown sandy clay 9;blue clay 32;sand 38;gravel 39; blue clay 40. Water at 32. Clay 7;sand 25;gravel 27. Water at 25.
GCT	" 114 J.Amy	Lone Star Well Digging	July13,1967	30	5	20	10	"	"
GCT	" 115 R.Forwell Ltd.	"	Aug. 4,1964	30	3	30	25	"	Gravel 25;sand 30;quicksand 35. Water at 25. Boulders gravel sand 9;brown sand 18;gravel sand boulders hard packed 25;cemented sand gravel boulders white clay 45.
GCT	" 115 Kitchenner Water Comm.	International Water Supply Ltd.	Nov.14,1966	4	75	9	4	"	Sandy topsoil 4;boulders gravel sand 12;sandy clay gravel 13 boulders gravel sand clay streaks 26;cemented sand gravel white clay 34;boulders gravel sand 40;bedrock 41.
GCT	" 116	"	Nov.18,1966	2	100	8	6	"	Topsoil 4;boulders gravel sand 40;bedrock 41. Topsoil 4;boulders gravel sand sandy clay streaks 34;boulders gravel sand white clay 43;bedrock.
GCT	" 116	"	Nov.30,1966	8	170	15	5	"	Sandy topsoil 2;boulders gravel sand 31;cemented sand gravel 46;hard blue shale 47.
GCT	" 116	"	Dec.15,1966	2	75	18	4	"	Topsoil 7;gravel sand boulders 14;boulders gravel sand 24; boulders gravel sand small cemented streaks 34;boulders gravel sand hard packed 36;boulders gravel sand cemented streaks 39;very hard cemented sand gravel 42.
GCT	" 116	"	Dec.24,1966	2	60	20	6	"	Gravel 30;clay gravel 74;blue limestone 84. Water from 80 to 84.
GCT	" 116 R.Briski	Kerr's Well Drlg	May 12,1967	5	15	70	46	"	Sandy soil 2;gravel 25;clay hardpan 101;hardpan 107;blue rock 120. Water from 107 to 120.
GCT	" 116 E.Thorman	McLaughlin Water Wells Ltd.	Aug. 4,1967	5	45	85	70	"	Topsoil 4;gravel boulders sand 36. Water at 36.
GCT	" 116 Kitchenner Water Commission	International Water Supply Ltd.	Jan.17,1967	2			3	"	Topsoil 4;gravel sand 15;boulders gravel sand 34. Water at 15 and 34.
GCT	" 116	"	Jan.18,1967	6				"	Topsoil 4;gravel boulders sand 18;cemented sand gravel streaked boulders 26. Water at 18 and 26.
GCT	" 116	"	Jan.19,1967	2			3	"	Topsoil 4;gravel sand 15;boulders gravel sand 34. Water at 15 and 34.
GCT	" 116	"	Feb. 7,1967	2			3	"	Brown clay gravel grey clay streaks 10;sand 14;boulders gravel sand mud 35;hard packed white clay mud gravel 46. Water at 14 and 35.
GCT	" 117	"	May 19,1964	10				"	Topsoil 1;sand gravel 8;hardpan 19;cemented gravel 34;lime- stone 37.
GCT	" 117	"	May 22,1964	2			7	"	Topsoil 1;sand gravel 5;cemented gravel 14;coarse gravel sand boulders clay 20;hard packed gravel clay 25;fractured limestone 29. Water at 14.
GCT	" 117	"	May 27,1964	10				"	Topsoil 1;fine sand 8;yellow sandy clay gravel 27;cemented gravel 29;limestone 33.
GCT	" 117	"	May 29,1964	1				"	Topsoil 2;sandy clay gravel boulders 16;limestone 26.
GCT	" 117	"	Aug.21,1964	10				"	Sand 1;dirty gravel 7;tight packed sand gravel small boulders 26;coarse sand gravel small boulders 30;tight packed sand sand gravel small boulders clay 34;clay gravel 39;broken rock shale 43;grey white limestone 45. Water at 7.
GCT	" 117	"	Aug.26,1964	10				"	Topsoil 2;dirty sand and gravel small boulders 7;coarse sand gravel small boulders clay 10;coarse sand gravel small boulder tight packed streaks 31;gravel clay 35;broken rock shale 40. Water at 7.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. German Company Tract GCT lot 117	Kitchener Water Comm.	International Water Supply Ltd.	Aug. 31, 1964	10					T	Topsoil 2; brown sandy clay 13; hard brown sandy clay gravel 29; coarse sand fine gravel 35; coarse sand gravel small boulders 26; broken rock shale 40. Water at 29.
GCT " 117	"	"	Sep. 2, 1964	10					T	Topsoil 2; sandy clay gravel 6; dirty gravel small boulders 11; coarse sand gravel small boulders 15; coarse sand fine gravel 17; coarse sand gravel small boulders 21; tight packed sand gravel small boulders 26; broken rock shale 30.
GCT " 117	"	"	Sep. 10, 1964	10					T	Topsoil 2; sandy clay 5; coarse sand gravel small boulders 22; tight packed sand gravel small boulders 27; broken rock shale 29.
GCT " 117	"	"	Sep. 15, 1964	10					T	Topsoil 2; sandy clay boulders 4; dirty sand gravel boulders 8; coarse sand gravel small boulders 21; tight packed sand gravel boulders 22; sand gravel boulders 27; broken rock 27 1/2.
GCT " 117	"	"	Sep. 17, 1964	10					T	Topsoil 2; sandy clay boulders 4; dirty sand gravel boulders 8; sand gravel boulders 18; tight packed sand gravel boulders 20; pieces clay 26. Water at 8.
GCT " 117	"	"	Sep. 18, 1964	10					T	Topsoil 2; sandy clay 4; dirty sand gravel boulders 8; sand gravel boulders tight packed streaks 27. Water at 8.
GCT " 117	"	"	Oct. 8, 1964	10					T	Topsoil 2; sandy clay gravel boulders 5; dirty sand gravel boulders 8; coarse sand gravel small boulders 20; sand boulders tight packed streaks 27.
GCT " 117	"	"	June 14, 1965	10	160	4		Fresh	T	Coarse fine gravel sand 6; grey clay gravel 12; coarse fine gravel sand silt clay 19; yellow stony clay 21; grey limestone 22. Water at 19.
GCT " 117	"	"	June 21, 1965	10	25	1		"	T	Coarse gravel boulders sand 4; silty clay gravel 11; coarse fine gravel sand clay 19; yellow stony clay 20. Water at 11.
GCT " 117	"	"	July 9, 1965	12	264	15	2	"	T	Coarse fine gravel boulders sand 4; silty clay gravel 12; coarse fine gravel sand clay 19; yellow clay gravel 20. Water at 12.
GCT " 119	J. Cuturic	Kerr's Well Drig.	June 30, 1966	5	15	180	132	"	D	Sand 65; hardpan 105; boulders clay 132; hardpan 185; limestone 195. Water at 195.
GCT " 120 Kitchener Water Comm.		International Water Supply Ltd.	Nov. 9, 1966	1 1/2	5	10	4		T	Sand 1; boulders gravel sand 18; brown grey clay 20; blue hard clay 24; blue sandy soft clay 34; red grey clay 38; bedrock. Water at 18.
GCT " 121 Forwell Sand & Gravel Ltd.		Hadco Well Digging Ltd.	Aug. 6, 1964	27 1/2	7 1/2	54	22	Fresh	In	Sand gravel 6; brown clay rocks 22; sand gravel 26; blue clay stones 49; blue fine gravel 55; red clay hardpan 56. Water at 6, 22 and 49.
GCT " 121 A. Metzloff		McLaughlin Water Wells & Supply	Jan. 12, 1965	6 1/2	15	45	30	"	D	Dug well 14; gravel hardpan 51; clay 60; hardpan 63; gravel 65 1/2. Water from 63 to 65.
GCT " 121 Kitchener		International Water Supply Ltd.	Nov. 3, 1966	2		3		"	T	Sand 3; boulders gravel sand 13; red grey clay 14; red grey clay gravel 30; bedrock. Water at 13.
GCT " 121 F. Schew		Hadco Well Drig. & Digging Ltd.	Aug. 17, 1967	30	4	22	14	"	D	Topsoil 1; brown clay 2; brown sand 13; gravel 16; blue clay 25. Water at 13.
GCT " 121 E. Hasold		Lone Star Well Digging	Oct. 11, 1967	30	5	22	19	"	D	Clay 19; coarse gravel 25. Water at 19.
GCT " 122 Thermo Heating Contractors Ltd.		McLaughlin Water Wells & Supply Ltd.	Feb. 2, 1965	5	15	54	43	"	C	Well pit 5; sand 15; clay hardpan 45; gravel 46; clay 95; hardpan stones 118; limestone 120. Water from 119 to 120.
GCT " 123 Kearns Real Estate Ltd.		R. McLaughlin	Mar. 13, 1964	6 1/2	32	71	65	"	C	Clay stones 11; gravel 20; brown sand 51; grey clay stones 94; Gravel 96. Water at 96.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.A.L.	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Details to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. German Company Tract GCT lot 129 R.Hinsperger GCT " 133 Kitchener GCT Water Comm.	cont. R.Hinsperger Kitchener Water Comm.	C.&H. Kerr International Water Supply Ltd.	Nov.16,1965 Oct.19,1965	5 2	15	95 215	Fresh	D,S T 26-65	Dug well 32;hardpan 86;fine gravel 99. Water from 95 to 99. Topsoil 3;sand 18;sand gravel 19;dirty sand 39;sandy grey clay 56;brown clay 87;sandy grey clay brown 106;sandy grey clay 174;grey clay 177;sandy grey clay 196;sandy grey clay small gravel streaks 212;red grey clay 259;sandy grey clay gravel hard packed 291;sandy grey clay gravel hard packed 336. Topsoil 11;fill 6;gravel 27;stone 35;sand stone 65;sand hardpan 225;sand grey clay 235;grey clay 270;clay gravel 325;sand gravel 338;sand gravel 340. Water from 338 to 340. Sandy brown clay 6;sand gravel boulders 35;sandy brown clay 50;sand gravel brown sandy clay 79;grey gravel boulders sand hard packed 92;coarse gravel boulders sand 11;grey gravel boulders sand hard packed 127;gravel 127;coarse gravel boulders sand 142; fine. Gravel sand clay 158;sandy brown clay 188;gravel sand boulders clay streaked 185;grey hard clay 203. Water at 97.
GCT	* 139 G.Woelfle	McLaughlin Water Wells & Supply Ltd.	Dec.14,1966	5	10	190	Fresh	D	
GCT	* 140 Kitchener Water Comm.	International Water Supply Ltd.	Sep.21,1965	2	4	97	"	T 22-65	
GCT	* 141 W.Eubrick	Banes Drig. Co.	Nov.16,1964	30	10	10	Fresh	D	Loam boulders 4;hardpan 8;coarse sand 15;coarse gravel sand 17. Water at 8.
GCT	* 141 Kitchener Water Comm.	International Water Supply Ltd.	Aug.19,1965	2		75	"	T 9-65	Brown clay 13;grey clay 18;brown sand 28;sand gravel boulders 45;sandy clay 59;brown clay 67;sand gravel boulders 89;sandy grey clay 99;brown clay 111;grey clay 116;sandy brown clay 140;sand gravel clay streaked 156;grey clay 218;sandy grey clay gravel hard packed 323;cemented sand gravel 326;sandy grey clay harder streaks 341;blue shale 348. Water at 140.
GCT	* 141	"	Aug.26,1965					T 20-65	Brown clay 6;sand 10;gravel sand boulders 23;grey clay 54;grey hard clay 74;sandy grey clay 79;sand gravel clay 94;gravel sand boulders clay 99;gravel sand clay streaks 135;grey clay soft hard streaks 176;dirty gravel sand boulders hard packed 190;sandy grey clay gravel streaks 193;cemented sand gravel 218;sandy clay hard gravel 296;brown limestone 303.
GCT	* 141	"	Sep.14,1965	2	7	80	Fresh	T 22-65	Sandy clay 5;gravel boulders sand 21;brown clay 35;sand gravel clay streaks 62;sand 78;sand gravel streaks 82;gravel boulders sand hard packed streaks 93;gravel sand boulders 128;sandy red grey clay gravel streaks 145;grey clay 160;grey clay gravel streaks 208;sandy grey clay gravel streaks 285;cemented sand gravel 286. Water at 80.
GCT	* 143 E.Henheffer	W.Packham	Sep.15,1964	6 1/2	20	130	Fresh	D,S	17;5;clay gravel 65;sand 150;sand gravel 160;sandy clay 348. Water at 148.
GCT	* 149 A.Doehn	McLaughlin Water Wells & Supply Ltd.	Apr.27,1967	7	10	150	"	D,S	Well pit 8;gravel sand 32;gravel boulders clay 40;clay gravel 70;gravel clay 90;clay gravel 108;silty quicksand clay 110;brown clay 139;silty sandy clay gravel 276;sand 277. Water from 276 to 277.
GCT	* 152 I.Coher	"	Jan.10,1967	7	12	100	"	D	Topsoil 1;brown sand 6;grey sand clay 40;hardpan gravel 111;gravel 112. Water from 111 to 112.
GCT	* 157 G.Reist	C.Shantz	Oct.15,1965	7	20	88	"	D,S	Topsoil 1;sandy clay 4;clay 96;silty sandy clay 72;dirty gravel 142;sand gravel 150. Water from 142 to 150.
GCT	* 159 H.Kebrenm	Kerr's Well Drigs.	May 20,1967	5 1/2	8	99	"	D	Silty sand 60;clay 95;sand 102. Water from 99 to 102.



## WATERLOO COUNTY - cont.

Waterloo Twp. - cont.

Heilstands Tract

	F. Seip	Aug. 17, 1964	30	3	30	25	Fresh	D	Sand 25; coarse sand 33; clay 35. Water at 25.
HT Lone Star Well Diggins	E. Hennoeffer W. Packham	Sept. 15, 1964	6 1/2	20	35	21	"	D, S	Topsoil sandy loam 15; sandy clay 35; sand gravel 40; gravel 45. Water at 45.
HT McLaughlin Water Wells & Supply Ltd.	A. Heenskerk	Sept. 29, 1964	7	10	5	4	"	D	Pit 10; sand 35; sand clay 52; gravel 53. Water at 52.
Horning's tract HT	H. Klassen	Aug. 25, 1965	7	10	55	40	"	D	Soil 3; clay gravel 25; clay 100; clay gravel 119; gravel 120. Water at 120.
James Wilson Tract JMT	Kitchener Water Comm.	Oct. 4, 1967	6						Brown clay 8; boulders gravel sand 13; grey clay 15; silty grey clay 17; grey clay gravel streaks 30; grey clay 35; grey clay hard packed 40; grey clay sandy gravel streaks 62; cemented sand gravel 64; grey clay sandy gravel streaks hard packed 83. Limestone.
JWT lot 5 R. Weber	McLaughlin Water Wells & Supply	Sept. 29, 1964	7	10	100	75	Fresh	D	Fill soil 5; sand 15; clay 25; hardpan 128; gravel 129. Water at 128.
JWT " 5 Snyderdale Farms Ltd.	Graham Well Drig.	Nov. 27, 1967	5	20	58	32	"	D, S	Topsoil 2; dark brown clay gravel 20; light brown clay gravel 137; dark grey rock 145; grey brown rock 173; light grey rock 203. Water at 180, and 195.
JWT " 6 Kitchener Water Comm.	International Water Supply Ltd.	Sept. 19, 1967	6				"	T	Topsoil 4; boulders gravel sand 25; sandy grey clay 50; cemented sand gravel 56; clay 79; grey brown clay 85; blue clay gravel 87; limestone. Water at 25.
JWT " 6 "	"	Sept. 21, 1967	6					T	Topsoil 8; boulders gravel sand 15; grey clay 27; brown clay 64; grey clay gravel 69; brown clay gravel streaks 81; gravel sand clay 86; brown clay 89; blue shale 92; limestone.
JWT " 6 "	"	Sept. 27, 1967	2	65	3 1/2	Flows	Fresh	T 19-67 20-67	Brown clay 8; gravel sand boulders 15; grey clay 37; fine sand 41; grey sandy clay 47; grey clay gravel streaks 55; boulders gravel sand clay 78; grey clay gravel streaks hard packed 88; bedrock. Water at 15 and 88.  Soil 4; clay stone 8; clay 100; hardpan 140; gravel 142; haripan 151; gravel 154; rock. Water at 153.  Soil 2; sand 5; gravel 15; clay 65; hardpan 115; sand 120; gravel 122; hardpan. Water at 120.
JWT " 8 G. Scheidel	McLaughlin Water Wells & Supply Ltd.	Oct. 28, 1964	7	15.	80	75	Iron	T	Topsoil 1; brown clay 4; sand gravel 11; blue clay 25. Water at 8.
JWT " 8 "	"	Dec. 30, 1964	7	10	70	35	"	T	Clay stones 42; hardpan 61; clay 72; hardpan 94; gravel 95. Water from 94 to 95.
JWT " 8 P. Henke	Hadoo Well Drig. & Digging Ltd.	Aug. 3, 1967	30	3	19	8	Fresh	D	Gravel 10; sand 26; limestone 71. Water at 68 and 71.
Middle Block ME lot 1 E. Moyer	P. Straus	Jan. 27, 1965	7	15	50	45	"	D	
ME " 1 R. Schanz	A. Earley	Apr. 15, 1967	5	10	15	9	"	D	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Duplic to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wellesley Twp. East Section ES Con A	lot 2 H. Klenk	F. Straus	Apr. 26, 1967	5	20	160	135	Fresh	D	Topsoil 2; sand 71; clay 82; hardpan 140; sand clay streaks 201; clay 27; loose hardpan 326; clay sand 341; gravel 346. Water from 341 to 346.
ES Con A	" 3 J. Heipel	F. Straus	Dec. 15, 1965	5	15	62	55	Fresh	D, S	Topsoil 1; sand clay 35; clay 81; quicksand 126; clay 176; hardpan 221; gravel 224. Water at 224.
ES Con A	" 11 H. Huehn	R. McLaughlin	Apr. 3, 1964	5	20	68	65	"	D	Clay 2; quicksand 43; clay 60; clay quicksand 99; blue clay 138; hardpan 200; red clay 206; hardpan 230; sand clay 281; brown rock 285. Water at 282.
ES Con A	" 12 G. Metzger	Hadoo Well Digging Ltd.	Apr. 23, 1965	30	4	24	18	"	D	Topsoil 1; brown clay 3; brown sand stony clay 20; gravel 24. Water at 20.
ES Con A	" 14 E. Wolfe & P. Wolfe	F. Straus	June 13, 1966	5	35	200	115	Sulphur	C	Topsoil 2; brown clay 41; dirty sand 59; hardpan 68; brown clay 90; hardpan 131; brown clay 163; dirty sand 161; gravel 196; hardpan 223; blue soapstone 256; hardpan 260; sand 262; hard blue rock 364. Water from 356 to 380.
ES Con A	" 23 S. Martin	G. Davidson	June 3, 1964	4	7	150	111	Fresh	D, S	Dry well 5; sand 9; quicksand 36; blue clay 105; sand 110; hardpan 185; sand gravel 210; blue shale 236; brown rock 244. Water at 244.
ES Con I	" 13 N. Leis	McLaughlin Water Wells & Supply	Jan. 30, 1967	7	15	30	Flows	"	D	Fill 3; clay 120; clay pebbles 140; sand 148; gravel 144. Water from 143 to 144.
ES Con I	" 13 J. Liles	F. Straus	Nov. 28, 1967	5	18	3	2	"	D	Topsoil 2; brown clay 120; quicksand 153; sand clay 179; gravel 180. Water from 179 to 180.
ES Con I	" 13 O. Gerber	McLaughlin Water Wells & Supply	Feb. 24, 1967	7	15	40	30	"	D	Topsoil 2; grey clay streaks sand 120; fine dirty sand 145; sand 157. Water from 145 to 153.
ES Con II	" 12 E. Kennell	"	Mar. 8, 1967	7	15	50	35	"	D	Dug well 28; clay 130; sand clay 145; sand 158. Water from 150 to 158.
ES Con II	" 12 Wellesley Twp. School Area Board	Hadoo Well Digging Ltd.	Feb. 11, 1966	5 1/2	20	70	40	"	P	Sandy clay 5; brown sand 12; soft brown clay 38; grey clay 120; sandy grey clay 191; grey rock 200; boulders gravel sand 215. Water from 200 to 215.
ES Con II	" 14 B. Futher	F. Straus	Oct. 6, 1967	5	15	28	27	"	D	Topsoil 2; clay 51; hardpan 86; dirty sand 93; clay 170; hardpan 179; sand 188. Water at 27 and 48.
ES Con III	" 7 Esbaugh Bros	"	Jan. 24, 1966	5	15	75	72	"	D, S	Blue clay 90; sand clay 111; brown clay 260; hardpan 281; brown rock 291. Water from 281 to 291.
ES Con IV	" 2 J. Lorentz	McLaughlin Water Wells & Supply	Mar. 22, 1965	5	10	140	75	"	D	Soil 3; clay quicksand 165; clay 185; hardpan sand 296; grey rock 301. Water from 298 to 301.
ES Con IV	" 3 Jehn & Koch	Kerr's Well Drlg.	Mar. 21, 1966	4	18	155	133	"	D, S	Clay 25; sand 80; brown clay 235; gravel 236; clay 280; hardpan 320; gravel 325. Water from 322 to 325.
ES Con IV	" 4 C. Pagel	Hadoo Waterwell Drlg. Co. Ltd.	Dec. 10, 1964	7	20	200	110	"	D, S	Clay sand 208; clay 220; sand 221; clay 235; shale 248; rock 255; clay 265; rock 280; gravel 288; sand rock 304. Water from 280 to 288.
ES Con IV	" 5 J. Davenport	"	Sep. 10, 1966	5 1/2	10	90	55	"	S	Brown clay sand 20; blue clay sand 35; sand 80; sandy clay 105; blue clay 218; brown rock 260; blue clay 268; gravel 272. Water at 268.
ES Con V	" 2 E. Frohlich	McLaughlin Water Wells & Supply	Sep. 27, 1965	5	3	145	18	"	D	Topsoil 1; clay 70; clay quicksand 80; clay streaks sand 142; fine sand 155. Water from 142 to 155.
ES Con V	" 3 H. Kieswether	F. Straus	July 11, 1966	7	15	18	16	"	D	Fill 5; blue clay 60; hardpan 79; sand 84; clay 86. Water from 79 to 84.
ES Con V	" 3 F. Jessop	McLaughlin Water Wells & Supply	Oct. 18, 1967	5	15	96	87	"	D	Topsoil 1; brown clay 30; brown clay sand streaks 130; fine sand clay streaks 253; hardpan quicksand streaks 261; hardpan stones 285; hardpan 312; grey limestone 345. Water from 315 to 345.
ES Con V	" 7 A. Reichert	R. McLaughlin	Mar. 24, 1964	5	12	186	180	"	D, S	Topsoil 1; sand clay 18; sand gravel 57; coarse gravel 84; hardpan 145; clay hardpan 260; hardpan 321; loose hardpan 329; gravel 330. Water at 329.

WATERLOO COUNTY - cont.  
Welliesley Twp. - cont.  
East Section cont.

ES Con VI	lot 5	D. Martin	Sauder & Martin	Oct. 13, 1967	4	3	90	33	Fresh	D	Red clay 26; quicksand 46; blue clay 119; medium sand 123. Water from 119 to 123.
ES Con VI	"	8 E. Hackbert	C. & H. Kerr	June 24, 1964	4	10	160	135	"	D, S	clay 62; sandy clay 90; clay 124; hardpan 145; clay 200; sand clay 237; hardpan 320; shale 329; limestone 341. Water at 341.
ES Con VII	"	2 M. Menes	Hadco Well Digging Ltd.	Sep. 30, 1965	30	1	-	15	"	D	clay boulders 51; sandy clay 12; grey sand 22. Water from 16 to 22.
ES Con VII	"	2 L. Steinberg	McLaughlin Water Wells & Supply	Sep. 23, 1966	5	12	30	30	"	D	Topsoil 3; clay 102; quicksand 155; clay sand 255; hardpan 259; brown rock 260. Water from 259 to 260.
ES Con VII	"	3 L. Meyer	W. Packham	Feb. 14, 1964	5	25	55	50	"	D	Dug well 39; sandy clay 75; quicksand 13; hard clay 190; clay small stone coarse gravel 220; hard clay 250; silty sand 270; sand gravel 275; gravel 298. Water at 278.
ES Con VII	"	3 H. Kuntz	F. Straus	June 18, 1965	5	14	66	58	"	D	Topsoil 2; clay 21; sand 90; hardpan 116; sand 128. Water from 116 to 128.
ES Con VII	"	5 C. Kroetsch	McLaughlin Water Well & Supply	Aug. 26, 1964	5	15	103	94	"	D, S	Topsoil 2; clay 127; quicksand 148; hardpan 219; dirty sand 230; stony clay 283; gravel 284. Water at 284.
ES Con VII	"	6 S. Martin	F. Straus	June 1, 1967	7	15	43	41	"	D, S	Fill 2; clay 39; hardpan 56; clay 73; hardpan 80; gravel 86; clay 89. Water from 80 to 86.
ES Con VII	"	10 A. Charest	C. Shantz	June 22, 1966	7	12	85	65	"	D	Topsoil 2; sandy clay 25; dirty sand 42; sand 68; silty sand 77; sand 103. Water from 77 to 103.
ES Con VIII	"	2 A. Lorentz	F. Straus	Sep. 30, 1966	5	12	41	33	"	D	Topsoil 2; clay 35; quicksand 38; clay 135; sand 145. Water from 135 to 143.
ES Con VIII	"	3 E. Lorentz	"	July 16, 1965	5	12	121	78	"	D, S	Clay 130; sand clay 150; stony clay 239; hardpan 260; brown rock 270. Water at 267.
ES Con VIII	"	3 St. Clements Separate School	"	Feb. 24, 1966	8	32	25	22	"	P	Sand 17; clay 24; sand clay 101; hardpan 105; gravel 108. Water from 105 to 108.
ES Con VIII	"	5 A. Martin	"	June 4, 1965	5	15	71	65	"	D, S	Topsoil 3; clay sand 21; clay 100; sand clay 121; clay 196; hardpan 240; gravel 243. Water at 243.
ES Con VIII	"	6 E. Lorentz	"	June 29, 1967	5	12	105	96	"	S	Clay 67; hardpan 87; sand 135; clay 200; hardpan 234; sand 254; gravel 267. Water from 254 to 267.
ES Con VIII	"	9 E. Sherk	Sauder & Martin	Dec. 5, 1965	4			2	"	N	Brown clay 8; quicksand 120; tough gumbo clay 122. Water from 8 to 120.
ES Con VIII	"	6 J. Horst	"	Nov. 6, 1965	4	12	15	24	"	D	Soft blue clay 60; blue clay coarse sand 118; boulder 119; fine sand blue clay 126; brown sand 136; large coarse sand 137; sand 138. Water at 138.
ES Con IX	"	6 E. Lorentz	P. Straus	July 26, 1965	5	15	60	27	"	D, S	Drive way 3; clay 15; clay sand 41; clay 113; loose hardpan 137; clay 195; brown rock 210. Water at 208.
ES Con X	"	2 E. Steckle	McLaughlin Water Well & Supply	Dec. 11, 1964	5	15	20	Flows	"	D, S	Soil 2; clay 40; clay hardpan 140; quicksand 145; hardpan 162; gravel 163. Water from 162 to 163.
ES Con XII	"	1 J. Bowman	Sauder & Martin	May 20, 1966	4	500	6	12	"	D, S	Rough stony gravel 18; brown clay 22; coarse sand 34. Water at 34.
ES Con XII	"	2 E. Martin	Hadco Well Digging Ltd.	Oct. 24, 1966	5	16	60	45	"	D	Brown clay 15; blue hardpan 20; blue clay stones 90; sand gravel 95; gravel 105. Water at 105.
ES Con XII	"	2 I. Frey	Sauder & Martin	July 4, 1967	4	8	80	52	"	D	Red clay 24; blue clay 38; stony blue clay 42; blue clay 51; blue clay coarse sand 84; sand 92. Water from 84 to 92.
ES Con XIII	"	5 A. Hoover	"	Sep. 30, 1966	4	10	41	36	"	D, S	Red clay 14; blue clay 81; hardpan 85; medium fine brown sand 88. Water from 85 to 88.
ES Con XIV	"	2 H. Martin	Lone Star Well Drilling	July 15, 1966	30	10	40	40	"	D	Light grey clay 52; gravel 54. Water at 52.

See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.A.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Reprints to which formations extend below the surface are given in feet)										
WATERLOO COUNTY - cont. Wellesley Twp. - cont. East Section cont.										
ES Con XIV lot 3	A. Weber	Sauder & Martin	Oct. 24, 1967	4	15	10	9	Fresh	D, S	Rough stony 32; blue clay 73; hardpan 76; brown clay 89; clay coarse sand 107; medium fine sand 114. Water from 109 to 114.
ES Con XIV	O. Martin	Hadco Well Digging Ltd.	June 20, 1965	30			34	"	D	Clay 35; clay boulders 65; sand 67; clay 75; sandy clay 83. Water from 65 to 67 and from 70 to 80.
ES Con XIV	D. Bauman	Sauder & Martin	May 6, 1967	4	10	74	69	"	D	Brown clay 29; blue clay 65; sand 66; sandy hard clay 87; gumbo 110; hardpan 120; sandy clay 137; medium fine sand 143. Water from 137 to 143.
West Section										
WS Con II	O. Leis	Steinman & Baird	Mar. 20, 1964	4	15	106	97	"	D, S	Clay 25; sandy clay 39; grey clay 58; dirty gravel 69; grey clay 126; gritty hardpan 170; clay 195; sand clay 236; sandy gravel 244; water at 243 to 254.
WS Con III	A. Yost	"	May 25, 1965	5	15	74	62	"	D, S	Grey clay 97; brown clay 126; sand 132; gritty clay 163; dirty sand 266; clay 37; brown broken shale 354. Water from 330 to 334.
WS Con IV	J. Erb	"	Dec. 28, 1964	4	17	70	50	"	D, S	Brown clay 10; grey clay 76; hardpan 94; gritty hardpan stones 114; slab limestone 130; gritty hardpan 177; broken rock 181; brown limestone 193. Water at 195.
WS Con V	A. Fleischauer	F. Ince	Oct. 29, 1965	6 1/4	10	90	22	"	D, S	Brown clay 40; stony clay 153; limestone 172. Water at 170.
WS Con V	E. Nikelski	McLaughlin Water Wells & Supply	Aug. 30, 1966	5	10	100	80	"	D, S	Topsoil 11; clay 86; hardpan 236; clay hardpan 257; hardpan 259; sand 267; gravel 270. Water from 268 to 270.
WS Con VI	A. Kuepfer	W. Hopper & Sons	Oct. 7, 1964	4	9	60	40	"	D, S	Topsoil 11; yellow clay 12; dirty gravel 15; blue clay 60; hardpan 130; limestone 155; light brown limestone 204. Water from 190 to 204.
WS Con VI	E. Wagler	Sauder & Martin	Aug. 17, 1966	4	8	70	37	"	D, S	Quicksand 29; blue clay 40; stony clay quicksand 58; hard clay coarse sand 91; hardpan 93; stony clay 105; sandy brown clay 132; brown clay 145; soft brown clay 150; hardpan 151; medium fine sand 194. Water from 151 to 154.
WS Con VI	P. Potje	Steinman & Baird	Apr. 23, 1964	4	16	85	73	"	D, S	Brown clay 18; grey clay 79; hardpan 169; brown clay 188; grey clay 236; hardpan 250; blue clay 263; layers blue shale clay 272; blue shale brown limestone 276; brown limestone 277. Water from 276 to 277.
WS Con VII	J. Sehr	Ladco Drlg	Aug. 26, 1967	4	8	95	88	"	D, S	Clay rocks 88; clay sand layers 114; clay rocks 265; cemented gravel 278; clay rocks 290; brown rock shale layers 300. Water from 294 to 296.
WS Con VIII	K. Miller	Steinman & Baird	Apr. 1, 1965	4	15	113	99	"	D, S	Brown sandy clay 10; brown gritty hardpan 28; brown gritty clay 60; grey gritty clay 130; gritty hardpan 211; brown limestone 217; hardpan 261; layers blue shale limestone 280; brown limestone 288. Water from 282 to 288.
WS Con IX	G. Crummer	G. Davidson	June 18, 1964	4	12	110	97	"	D, S	Clay 10; sand 41; sand gravel 93; blue clay 130; sand 155; hardpan 208; loose rock 219; grey rock 261. Water at 261.
WS Con IX	F. Sherer	E. Martin	June 12, 1964	4	15	56	52	"	D, S	Sand 38; blue clay 95; stony hardpan 190; hard clay 200; coarse sand 202; shale 209. Water from 200 to 202.
WS Con X	C. Martin	"	Oct. 29, 1964	4	10	93	91	"	D, S	Brown clay 18; blue clay 27; quicksand 40; blue clay 65; hardpan 207; sandstone 240; quicksand 250; hard clay 265; hardpan 268; medium sand 272. Water at 240 and 268.
WS Con X	U. Brenner	G. Davidson	Feb. 18, 1964	4	11	118	100	"	D, S	Clay 18; quicksand 98; clay 128; sand gravel 146; stony hardpan 262; sand 274; blue medium hard rock 304. Water at 304.

WATERLOO COUNTY - cont.  
Welliesley Twp. - cont.  
West Section cont.

WS Con X	lot 9	Welliesley Twp School Area Board	Hadco Well Digging Ltd.	Jan. 14, 1966	5	28	190	70	Fresh	P	Clay 20; brown sand 72; brown clay 91; boulders 96; clay boulders 165; blue clay 195; brown rock 225; grey rock 240. Water from 225 to 240.
WS Con XI	" 6	A. Duskooy	P. Straus	Aug. 26, 1965	5	12	72	60	"	D, S	Clay 100; hardpan 13; clay 170; hardpan 231; dirty sand 253; brown rock 265. Water from 237 to 259.
WS Con XI	" 8	W. Runstedler	G. Davidson	June 18, 1965	4	10	110	80	"	D, S	Topsoil 1; clay 40; sand 94; bridging clay 123; sand gravel 128; hardpan 170; clay 202; clay stones 266; brown white shale 264; brown soft shale 288. Water at 286.
WS Con XI	" 9	H. Steinfeldt	Lone Star Well Digging	Oct. 29, 1965	30	5	10	5	"	D	Blue clay 15; coarse sand 18; blue clay 20. Water at 15.
WS Con XIII	" 10	W. McCormick	G. Davidson	Nov. 25, 1964	4	10	70	70	"	S	Dug well 46; blue clay 60; hardpan 95; sand 110; hardpan clay 141; hardpan sand 200; hardpan 205; blue shale 217; brown rock 245. Water at 245.
WS Con XIV	" 2	A. Martin	McLaughlin Water Wells & Supply	July 6, 1964	5	18	85	82	"	D, S	Topsoil 2; clay 20; hardpan 34; quicksand 46; clay 81; hardpan 113; clay 121; hardpan 17; gravel 176. Water at 176.
WS Con XIV	" 7	N. Bauman	Saunders & Martin	Dec. 16, 1966	4	6	105	83	"	D	12; clay 12; blue clay 70; bluish clay coarse sand 137; hardpan 145; bluish clay 174; stone hard greenish clay soft shale 219; hardpan 222; coarse sand 225. Water at 225.
WS Con XIV	" 19	J. Groh	J. Groh	Dec. 10, 1964	4	8	99	96	"	C	Brown clay 16; blue clay 46; hard blue sandy clay 104; red clay 115; hardpan 131.
Willmot Twp. Bleams Road	lot 1	H. McCallum	Kerr's Well Drig.	Nov. 21, 1966	5	15	97	77	Fresh	D	Clay 48; stony clay 72; gravel 99; coarse sand 104. Water from 99 to 104.
ERN	" 4	Kitchener Water Comm.	International Water Supply Ltd.	Nov. 18, 1965	41-65	41-65				T	Brown clay 9; grey clay 18; silt fine sand 45; grey clay 58; fine sand fine gravel silt 93; grey clay 109; fine sand silt fine gravel 120; grey clay 146; grey clay small gravel streaks 162; sandy grey clay gravel streaks 183; sandy grey clay gravel hard packed 189; sandy grey clay small gravel streaks 230; sandy grey clay gravel hard packed 237; silt 238; sandy clay gravel hard packed 269; limestone.
ERN	" 6	"	"	Nov. 15, 1965	40-65	40-65				T	Brown clay 3; grey clay gravel 69; fine sand silt fine gravel 72; grey clay gravel streaks silt 77; grey sandy clay 83; silt 107; grey hard clay 118; silt 131; grey hard clay soft streaks 192; sandy clay boulders gravel streaks 195; sandy clay gravel streaked 227; grey clay 236; grey clay gravel streaks.
ERN	" 5	"	"	Nov. 11, 1965	29-65	29-65	39	61	Fresh	T	Topsoil 3; sand fine gravel 8; gravel sand 10; grey clay soft hard streaks 193; sandy grey clay gravel streaks hard packed 212; sandy clay gravel hard packed marl 263; brown limestone 268. Water at 212.
ERN	" 6	"	"	Nov. 24, 1965	42-65	42-65				T	Brown clay 5; sand fine gravel 6; grey clay 21; fine sand silt 43; grey clay 61; grey clay sandy hard packed 114; sandy grey clay small gravel streaks hard packed 126; sandy clay silt streaks 129; grey clay hard packed 144; sandy clay clay streak 170; sandy clay fine gravel 183; grey clay hard packed 223; grey soft clay 269; sandy grey clay 277; limestone.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOGS AND REMARKS* (Depths to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont. Wilnot Twp. - cont. Bleams Road North BRN Lot 9	Kitchener Water Comm.	International Water Supply Ltd.	Mar. 24, 1966	2	12	2	91	Fresh	T 16-66	Dirty sand gravel 6; brown clay gravel 15; fine sand brown clay 37; brown clay 42; sandy grey clay 47; brown clay sand gravel streaks 68; brown clay 77; gravel sand clay 83; boulders gravel sand clay streaks 127; boulders gravel sand white clay 187; streaks 169; cemented sand gravel 170; sandy grey clay 187; sandy grey clay gravel streak 197; grey clay hard soft streaks 250; grey sandy clay hard gravel 260; very hard clay shale 262. Water at 91.
BRN " 10	"	"	Feb. 26, 1967	2			42½	"	T 5-67	Sand 1; sand small clay streaks 31; gravel sand 49; sand 52; hardpan cemented streak 53; sand small gravel streaks 60; brown clay gravel 71; grey clay 74; sandy grey clay 80; grey clay silt gravel streaks 103; gravel sand white clay 117; sand gravel 131; red grey hard clay 187; grey clay small gravel streaks 216; sandy clay gravel streaks 254; very hard bedrock. Water at 117 and 131.
BRN " 10	"	"	Mar. 2, 1967	2	16½	54	53	"	T 6-67	Sand 22; sand gravel streaks 22; brown clay 57; grey clay 65; fine sand 103; grey soft clay 133; sand gravel streaks 141; gravel sand boulders hard packed 161; sandy grey hard clay 166; cemented sand gravel 170; sandy grey clay gravel 175; gravel sand boulders 193; grey clay 213; grey clay sandy gravel streaks 237; grey clay 285; grey clay gravel hard packed 277; bedrock. Water at 195.
BRN " 11	"	"	Mar. 31, 1967	2	30	14	13	"	T 9-67	Brown clay 6; grey clay 12; sand gravel clay 15; grey clay 30; grey clay sandy streaks 41; fine sand 68; sand gravel streaks 77; boulders gravel sand 99; brown grey clay 101; grey clay gravel hard packed 103; gravel sand boulders streaked 131; boulders gravel sand hard packed 133; grey hard clay 136; cemented sand gravel 137; grey hard clay 153. Water at 131 and 133.
BRN " 11	"	"	July 4, 1967	10	12	16	12	"	T 12-67	Brown clay 6; grey clay gravel 16; grey clay 29; hard grey clay 40; hard grey sandy clay fine gravel 65; sand gravel boulders 82; coarse gravel 98; coarse sand 100; fine gravel 108; fine coarse mixed gravel 122; coarse sand gravel 125; fine gravel sand 131. Water from 82 to 131.
BRN " 11	"	"	Sep. 8, 1967	2	25	46	43	"	T 16-67	Brown clay 8; sand 17; sand gravel 38; gravel sand 48; boulders gravel brown clay 51; brown clay grey clay 60; silty sand clay streaks 128; gravel sand boulders streaked 155; sand fine gravel 182; grey clay 205; grey clay gravel 216; cemented sand gravel 218; bedrock. Water at 155 and 182.
BRN " 11	"	"	Mar. 17, 1967	2	42	38	33	"	T 8-67	Brown clay gravel 6; fine sand 39; grey clay 46; grey clay sandy streaks 51; grey clay 57; fine sand streaked 81; fine sand gravel streaks 104; brown clay streaks sand 109; sand clay streaks 120; sand coarse sand 146; sand gravel clay 149; gravel sand boulders clay streaked 157; grey clay 178; grey clay sandy streaks 181; grey clay 220; grey clay gravel 239; clay gravel hard packed 244; bedrock. Water at 146 and 157.
BRN " 12	B. Kress	Lone Star Well Digging	May 21, 1964	30	2	29	27	"	D	Brown clay 27; coarse sand 35. Water at 27.



WATERLOO COUNTY - cont.  
Wilmet Twp. - cont.  
Bleams Road North cont.

BRN	lot 13	H. Horstettler	C. & H. Kerr	Mar. 7, 1964	5	25	20	Flows	Fresh	D, S	Dug well 24; clay 74; clay marl streaks 107; coarse gravel 109. Water from 107 to 109.
BRN	" 13	"	Hadco Well Digging	Oct. 9, 1962	27½	3	25	16	"	S	Topsoil 4; brown clay 9; brown hardpan 14; blue clay 16; blue sand 27; water at 16.
BRN	" 13	"	Kerr's Well Drlg	Nov. 21, 1967	5	10		Flows	"	D, S	Drilled previously 109; coarse gravel 111; clay 125; coarse gravel 129. Water at 129.
BRN	" 13	Kitchener Water Comm.	International Water Supply Ltd	Sep. 5, 1967	7					T	Black muck 2; sand gravel 8; sand gravel clay streaks 54; silty clay sand streaks 62; sandy clay 100; packed sand clay streaks 62; sandy clay 100; packed sand clay streaks 135; sandy clay 149; fine sand clay streaks 171; silty clay gravel 194; shale 201.
BRN	" 19	Ont. Dept of Highways	Kerr's Well Drlg	July 25, 1964	6½	30	80	21	Fresh	P	Brown clay 102; hardpan 172; grey shale 192. Water from 189 to 192.
BRN	" 26	N. Feril	McLaughlin Water Wells & Supply	May 27, 1966	6½	20	50	2	"	P	Topsoil 2; brown clay 30; brown clay hardpan 75; brown hardpan 99; grey rock 122. Water from 117 to 122.
BRN	lot 1	D. Schaus	Hadco Well Drlg & Digging	July 25, 1967	5	8	200	150	"	D	Black topsoil 1; red clay gravel 7; sand gravel 35; gravel 40; sand gravel 110; blue clay 130; sand 205; blue clay 225; blue clay hardpan layers 365; gravel 367. Water at 365.
BRN	" 2	Kitchener Water Comm.	International Water Supply Ltd.	Mar. 13, 1967	2			23	"	T	Fill clay gravel 3; black muck 4; sand gravel clay 22; sand 31; sand gravel clay 38; gravel sand clay 40; sand gravel 55; brown clay 57; sand 65; coarse sand 75; fine gravel sand 91; grey clay sand gravel streaks hard packed 97. Abandoned.
BRN	" 2	"	"	May 17, 1967	18	1010	39	23	"	T	Fill 5; topsoil 6; gravel clay boulders 13; silty clay 15; brown sand 31; sand gravel clay 38; sand gravel 55; clay 57; sand 75; fine gravel sand 92. Water from 53 to 92.
BRN	" 3	H. Emrich	Hadco Well Digging Ltd.	Oct. 20, 1966	5	6	100	45	"	D	Brown clay 14; blue clay 25; gravel 26; blue clay 65; sand gravel 73; blue hardpan 182; sand gravel 120; gravel 125. Water at 125.
BRN	" 6	W. Schmid	C. & H. Kerr	Feb. 2, 1965	4	15	130	115	"	D	Dug well 38; sand 41; clay 77; sandy clay 94; clay 190; sandy clay 260; gravel 270. Water at 270.
BRN	" 6	J. Geis	Hadco Well Digging Ltd.	Nov. 12, 1965	27½	1		3	"	D, S	Brown sand 3; brown grey sandy gravel 15; grey clay 17. Water at 3.
BRN	" 7	Kitchener Water Comm.	International Water Supply Ltd	Mar. 15, 1966						T	Topsoil 2; gravel sand boulders 8; coarse sand 11; brown clay 13; grey clay 30; fine sand silt clay streaks 56; grey soft clay 120; grey soft clay hard streaks 203; sandy clay gravel streaks 227; sandy clay gravel boulders 242; cemented sand gravel bed-rock 247.
BRN	" 7	"	"	Mar. 17, 1966						T	Sand gravel streaks 16; brown clay 17; sand gravel 20; brown clay 21; grey clay 43; silty grey clay 51; sticky grey clay 160.
BRN	" 8	"	"	Apr. 13, 1967	5					T	Brown clay gravel 30; gravel boulders sand 5; sandy clay gravel streaks 46; gravel sand boulders 58; brown clay gravel streaks 99; gravel boulders sand 81; sticky grey clay 105; sand line gravel clay 118; grey clay sand 126; grey clay sandy streak 15; sticky grey clay 196; sandy grey clay 209; grey clay sandy streaks 215; sandy grey clay fine gravel 240; sandy grey clay fine gravel streaks 273; grey clay 296; grey clay gravel streaks 316; bedrock.
BRN	" 10	J. Miles	Hadco Well Drlg.	Aug. 25, 1964	5½	3	50	50	Fresh	D	Sand 61; sand clay 63; sand 68; sand clay 73. Water from 63 to 68.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wilnot Twp. - cont. Bleams Road South cont. BRS lot 10 Kitchener Water Comm.		International Water Supply Ltd.	Apr. 7, 1967	2			43	Fresh	T 10-67	Brown clay 3;sand gravel 70;grey clay sandy 86;sandy clay clay 108;grey clay gravel streaks 15;grey clay 120;sandy clay 134; grey clay 153;grey hard clay 16;grey clay small grey streak 201;sand fine gravel dirty clay 206;grey clay 211;grey clay gravel 247;cemented sand gravel 249;grey clay gravel streaked 259;gravel sand clay 273;grey clay gravel streaks 285;bedrock 286. Water at 208. Sand 40;loose hardpan 65;sand 77;gravel 78. Water at 65.
BRS lot 10 H. Straub		McLaughlin Water Wells & Supply	Nov. 20, 1967	7	15	65	60	Fresh	D	Topsoil 1;brown clay 10;blue clay 22;coarse sand 23. Water at 22.
BRS " 12 W. Hamacker		Lone Star Well Digging	Oct. 3, 1964	30	10	20	2	"	S	Topsoil 1;sand gravel 8;sandy clay 19;clay sand gravel 25; fine sand 51;sandy clay 59;fine sand 71;clay sand gravel 76;sand gravel 81;packed sand gravel. Water at 54;71 and 81.
BRS " 12 Kitchener Water Comm.		International Water Supply Ltd.	Sep. 14, 1967	10	60		Flows	"	T 15-67	Topsoil 1;sandy clay 15;fine coarse sand clay streaks 42;clay boulders 85;sand gravel 113;cemented sand gravel 118;sand gravel. Water at 113, and 118.
BRS " 12 "		"	Sep. 26, 1967	2	63	11	9	"	T 17-67	Brown clay 8;grey clay 11;grey clay sand fine gravel streaks 29;grey clay sandy streaks 53;silty sand 59;grey clay silty streaks 85;silty sand 91;grey clay 117;gravel sand clay 118; grey hard clay 176;gravel sand clay 178;grey clay 183;cemented sand gravel 198;boulders gravel sand clay hard packed 204;bedrock.
BRS " 14 "		"	Sep. 1, 1967	6				"	T 14-67	Blue clay 80;stony blue clay 140;limestone 163. Water at 161. Topsoil 3;clay 45;hardpan 88;clay sand 97;sand 101;pocket for sand 104. Water from 97 to 101.
BRS lot 23 J. Vogel		Kerrs Well Drllg.	Nov. 30, 1966	4	13	100	80	Fresh	D	Stony clay 108;gravel 110;blue clay 148;grey limestone 155. Water from 149 to 154.
BRS " 24 R. Donegan		McLaughlin Water Wells & Supply	Aug. 1, 1964	5	15	47	45	"	D	Topsoil 1;brown clay stones 60;grey hardpan clay 90;grey clay streaks sand 140;quicksand 150;hardpan clay 174;gravel 175. Water from 174 to 175.
BRS " 24 G. Sword		C. & H. Kerr	Sep. 15, 1965	5 1/2	13	65	50	"	D	Brown clay sand 25;hardpan 90;sand streaks clay 140;sand gravel 154;gravel 156. Water from 154 to 156.
BRS " 24 Lu-Shells Constr.		McLaughlin Water Wells & Supply	Oct. 27, 1966	5	10	85	75	"	D	Sand 1;gravel 45;sand clay streaks 46;medium sand 51. Water from 45 to 51.
BRS " 24 L. Jutz1		"	Apr. 25, 1967	7	15	70	60	"	D	Muck 2;brown clay 30;clay gravel 58;silty clay 82;clay gravel 102;clay silty gravel 146;gravel clay 185;gravel clay broken rock 197;grey rock 206. Water from 204 to 206.
Block A Block A Con I " 3 G. Schneider		McLaughlin Water Wells & Supply	Apr. 12, 1966	8	10	40	20	Fresh	P	Topsoil 2;sand 11;sand gravel 36;hardpan 84;sand 96;clay hardpan 156;hardpan 200;loose hardpan 224;gravel 225. Water at 224.
Block A Con I " 3 G. Schneider		C. Shantz	July 29, 1966	7	30	40 1/2	21	"	D	Stony brown clay 25;sandy clay 46;sand 50. Water at 46.
" A Con I " 9 N. Deifenbacher		R. McLaughlin	Feb. 27, 1964	5	8	190	110	"	D,S	Soil 1;sand 26;quicksand 30;loose hardpan 65;gravel 66. Water at 65.
" A Con I " 20 L. Crawley		Kerr's Well Drllg.	Oct. 4, 1966	5	15	45	30	"	D	Topsoil 1;brown clay 15;blue clay 19;brown sand 20;gravel sand 25;blue sandy clay 29. Water at 19.
" A Con II " 3 A. Boehm		McLaughlin Water Wells & Supply	Sep. 14, 1964	7	10	40	20	"	D	
" A Con II " 5 K. Reier		Hacco Well Digging Ltd.	May 20, 1964	30	2	29	19	"	S	

WATERLOO COUNTY - cont.  
 Wilnot Twp. - cont.

Block A Con II	" 9	G.Bean	D.Burkhardt	McLaughlin Water Wells & Supply	Jan.19,1966	5	6	105	95	Fresh	D	Dug well 42;sand clay 44;hard clay 74;soft clay 115;sandy clay 142;hardpan 171;gravel 172;hardpan 175;sand gravel 176;sandy clay 190;sand gravel 191;sand clay 202;sand gravel 203;sand clay 204;hardpan 208;sand 260;hardpan 272;sand 278;blue shale 301;blue rock 312. Water from 305 to 312. Sand 15;coarse sand 25;clay 27. Water at 15.
Block A Con II	" 22	M.Less		Lone Star Well Digging G.Wallis	Apr.22,1965 Jan.31,1964	30 6½	3 15	20 70	15 55	"	D,S	Light brown clay 15;blue clay 42;gravelly blue clay 90;very hard blue gravelly clay 154;broken layers brown limestone 156; solid limestone 200. Water at 190.
Block A Con II	" 24	C.Bender		Steinhman & Baird	Dec. 7,1965	4	9	117	75	"	D	Brown clay 12;grey clay 74;brown silty sand 118;brown sandy clay 129;hardpan 177;brown grey limestone 193. Water from 181 to 183.
Block A Con II	" 30	L.Brodrecht		C.&H. Kerr	May 20,1965	4	12	80	45	"	D,S	Clay 80;sandy clay 120;hardpan 170;brown limestone 195. Water from 190 to 195.
Block A Con II	" 30	A.Bender		Lone Star Well Digging	Apr. 5,1967	30	5	5	46	"	D	Brown clay 10;blue clay 46;coarse sand 52½. Water at 46.
Block A Con III	" 30	M.Bender		"	Sep.12,1967	30	10	50	35	"	D	Brown clay 30;blue clay 55;gravel 60. Water at 30.
Block A Con III	" 30	F.Weber		"	Mar.7,1966	30	10	25	23	"	D	Coarse Gravel 35. Water at 25.
Block A Con III	" 30	C.Rosenberger		"	May 10,1966	30	10	23	23	"	D	Coarse Gravel 35. Water at 25.
Block A Con III	" 30	G.Cook		"	May 30,1966	30	10	23	23	"	D	Coarse Gravel 35. Water at 25.
Block A Con III	" 30	V.Scherer		"	Nov.15,1967	30	10	20	20	"	D	Brown clay 20;coarse gravel 30. Water at 20.
Block A Con III	" 30	D.Zhinn		McLaughlin Water Wells & Supply	Nov. 2,1964	5	15	75	17	"	D	Gravel 8;clay sand 25;clay hardpan 155;hardpan 168;gravel 170. Water at 168.
Block A Con III	" 6	I.Hilborn		Lone Star Well Digging	Dec.15,1964	30	3	30	25	"	D	Clay 25;sand 35. Water at 25.
Block A Con III	" 6	L.Bingeman		C.Shantz	Sep.24,1966	7	10	24	19	"	D	Topsoil 2;dirty gravel 18;silty clay 45;silty sandy clay 66;silty sandy clay gravel 86;silty clay gravel 89;brown clay gravel 90;silty sandy clay gravel 145;gravel clay 172;brown clay 180;gravel clay 194;grey limestone 202. Water from 86 to 89 and at 200.
Block A Con III	" 6	L.Johnson		Lone Star Well Digging	June 30,1966	30	5	35	30	"	D	Sand 37. Water at 35.
Block A Con III	" 17	W.Szczepan		"	Dec.15,1966	4	15	39	Flows	"	D,S	Grey clay 71;gritty grey clay 98;silty sand 149;grey limestone 160. Water at 160.
Block A Con III	" 28	E.Good		McLaughlin Water Wells & Supply	Oct. 7,1964	5	10	95	85	"	D,S	Soil 2;clay 80;sand clay 100;quicksand 160;hardpan 161;gravel 185. Water at 184.
Block A Con IV	" 4	G.Mueller		"	Sep.20,1965	6½	15	33	27	"	D	Topsoil 1;clay sand 15;gravel 35;hardpan 42;gravel 45. Water at 45.
Block A Con IV	" 4	L.Rosenburger		Lone Star Well Digging	July 19,1966	30	5	35	25	"	D	Clay 25;sand 40;blue clay 43. Water at 25.
Block A Con IV	" 7	H.Shantz		"	Dec.13,1966	30	10	45	40	"	D	Brown clay 5;sand 40;coarse sand 60. Water at 40.
Block A Con IV	" 7	R.Davis		"	June 17,1967	30	5	15	10	"	D	Clay 10;sand 20. Water at 15.
Block A Con IV	" 10	E.Snyder		"	May 3, 1964	30	12	30	25	"	D	Loam 4;clay 25;clay sand 42½. Water at 25.
Block A Con IV	" 13	E.Hoffman		McLaughlin Water Wells & Supply	Mar.16,1965	5	15	39	24	"	D,S	Gravel 7;sand 30;quicksand 8;hardpan 87;quicksand 110;coarse sand 132;gravel 136. Water at 132.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-C RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont.										
Wilnot Twp. - cont.										
Block A Con IV lot 21	L. Weiland	Lone Star Well Digging	June 12, 1967	30	10	20	20	Fresh	D, S	Clay 20; coarse gravel 25; blue clay 27. Water at 20.
Block A Con IV	E. Scheidel	Banes Drig.	July 11, 1964	30	10	51	49	"	D	Brown clay 16; hard pack sand 26; grey clay gravel seams 40; hard pack brown sand gravel 48; coarse gravel 52. Water at 49.
Block B Con I	A. Bast	F. Straus	Nov. 28, 1966	5	8½	160	152	"	D, S	Clay 4; sand 39; clay 119; sand 179; clay 212; sand 245; sand 255. Water from 245 to 255.
Block B Con I	J. Miller	W. Packham	May 26, 1964	6½	10	225	130	"	D, S	Dug well 55; brown sand 95; clay 250; gravel 306; cemented gravel shale 309. Water at 309.
Block B Con I	C. Holst	Lone Star Well Digging	July 18, 1966	30	5	40	30	"	D, S	Sand 30; coarse gravel 48. Water at 30.
Block B Con I	K. Gazkowski	Kerr's Well Drlg.	Oct. 6, 1967	4½	15	90	70	"	D, S	Silty sand 50; blue clay 70; silty sand 100; blue clay 225; stony clay 302; brown limestone 330. Water at 330.
Block B Con I	J. Henhoeffer	W. Packham	Feb. 22, 1964	6½	20	110	80	"	S	Yellow sandy clay 20; yellow quicksand 60; hard clay 250; silt clay 260; hard clay gravel 270; gravel shale 272. Water at 272.
Block B Con I	O. Musselman	McLaughlin Water Wells & Supply	Apr. 6, 1965	5	15	66	53	"	D, S	Dug well 40; clay 105; clay hardpan 120; hardpan 148; brown limestone 155; blue limestone 158; brown limestone 165. Water from 155 to 165.
Block B Con I	K. Mutters	"	Nov. 18, 1966	5½	10	85	45	"	D, S	Dug well 50; grey clay stone 115; grey clay 155; soft hardpan 161; grey limestone 168. Water from 165 to 168.
Block B Con I	R. Fowler	Kerr's Well Drlg.	Mar. 30, 1967	4	15	120	93	"	D, S	Brown clay 30; blue clay 80; stony clay 130; clay 160; rock 190; Water from 187 to 190.
Block B Con I	C. MacDonald	W. Baird	Apr. 21, 1967	5	10	89	40	"	D	Brown clay 11; gravelly grey clay 39; grey clay 124; soft grey shale 140; grey limestone 156. Water at 155.
Block B Con II	E. Straus	F. Straus	Sep. 18, 1966	7	15	32	28	"	D, S	Topsoil 1; sand 15; quicksand 40; clay sand 75; sand 80. Water from 75 to 80.
Block B Con II	C. Gingerich	"	Nov. 1, 1966	5	12	48	41	"	D, S	Topsoil 1; sand 15; quicksand 40; clay sand 75; sand 80. Water from 75 to 80.
Block B Con II	V. Snyder	C. & H. Kerr	Feb. 19, 1964	5	11	100	70	"	D, S	Sand 268; brown clay 338; brown shale 340. Water from 338 to 340.
Block B Con III	P. Dallner	Kerr's Well Drlg.	Sep. 15, 1967	5	12	105	80	"	D	Clay 130; sticky clay 134; clay sand 232; stones sand 246; brown limestone 266. Water at 265.
Block B Con III	F. Dullien	"	Aug. 2, 1967	5	15	55	45	"	D	Gravel 48; brown clay 102; silt clay 156; clay 205; sand clay 245; hardpan 296; blue clay 318; hardpan 327; gravel 330. Water from 328 to 330.
Block B Con III	D. Salter	McLaughlin Water Well & Supply Ltd	Jan. 24, 1967	7	10	30	3	"	D, S	Sand 10; marl 12; clay 28; marl 30; clay 59; silt 117; brown clay 149; sand clay 198; hardpan 240; gravel 245. Water at 198 and 245.
Erb Road North										
ERN	B. Dietrich	P. Straus	May 1, 1965	5	12	180	165	"	D, S	Topsoil 2; clay 41; clay sand 60; clay 72; sand 186; clay sand 200; clay 230; sand 259; hardpan 269; gravel 273. Water at 273.
ERN	E. Dammer	Kerr's Well Drlg.	July 28, 1966	5	15	160	132	"	D	Brown clay 80; sand 160; sand 167. Water from 162 to 167.
ERN	G. Remers	Lone Star Well Digging	Sep. 23, 1966	30	5	55	40	"	D	Sand 40; brown clay 55; sand 60. Water at 40.
ERN	G. Dietrich	F. Straus	Sep. 11, 1967	5	15	140	138	"	D, S	Clay 9; sand clay 80; clay 127; sand clay 166; sand 177½. Water from 166 to 177½.
ERN	B. Licht1	McLaughlin Water Well Ltd.	July 19, 1967	7	5	90	75	"	D	Soil 1; coarse sand 30; fine sand 85; loose hardpan 94; sand gravel 100. Water from 98 to 100.

## WATERLOO COUNTY CONT.

Willmot Twp. - cont.  
Erb Road North cont.

[illegible]

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wilmot Twp. - North. Snider Road North cont. Lot 6 SHN	A. Baldwin	Lone Star Well Digging C. & H. Kerr	May 28, 1964	30	2	20	15	Fresh	D	Brown clay 20;sand 28;coarse sand 30. Water at 28.
SRN	" 7	J. Pratcher	Aug. 20, 1965	4	15	120	100	"	D	Drilled well 21;sandy clay 242;limestone 247. Water from 245 to 247.
SRN	" 10	McLaughlin Water & Const. Ltd.	July 29, 1965	7	10	111	90	"	D	Dug well 21;clay 30;clay sand 105;quicksand 130;sand 138. Water from 130 to 138.
SRN	" 12	E. Martin	Sep. 24, 1964	5 1/2	13	50	40	"	D	Brown clay 10;sand 40;clay 70;sand 76. Water from 70 to 76.
SRN	" 12	C. Walters	Mar. 3, 1965	5	15	62	42	"	D	Clay 24;sand 67;coarse sand 71. Water from 67 to 71.
SRN	" 12	H. Krone	May 20, 1966	30	10	40	40	"	D	Brown clay 10;sand 40;coarse gravel 51. Water at 40.
SRN	" 13	Banes Drig. Co.	June 13, 1964	30	10	42	38	"	D	Coarse brown sand 52. Water at 38.
SRN	" 13	D. Snyder	Dec. 3, 1964	5 1/2	22	26	7	"	D	Sandy gravel 30;fine sand 38. Water from 30 to 38.
SRN	" 13	N. Schwartz + ruber	June 11, 1965	5	15	35	8	"	D	Clay 20;fine sand clay 50;sand 63. Water from 59 to 63.
SRN	" 21	H. Prange	July 5, 1966	6 1/2	10	80	15	Fresh	P	Brown clay 15;stone clay 112;muddy sand 117. Water at 117.
Snider Road South										
SRN	" 1	G. Koesleg	Feb. 10, 1964	5	25	123	122	"	D	Sand gravel 22;sand mud 29;hardpan 31;sand gravel 122;sand gravel 152. Water at 122.
SRN	" 1	R. Wright	Apr. 24, 1964	5	12	115	100	"	D	Sandy clay 6;sand 35;sandy clay 50;clay gravel 60;silty sandy clay gravel 134;sand gravel 153. Water from 134 to 153.
SRN	" 1	H. Siwanowicz	July 22, 1965	6 1/2	15	125	121	"	D	Clay 30;silt 35;soft brown clay 50;clay gravel 100;gravel 138;fine gravel 143. Water from 138 to 143.
SRN	" 1	M. Lorenz	Oct. 15, 1965	5	15	141	125	"	D	Clay 38;silt 31;clay 50;hardpan stone 110;gravel 140;fine gravel 145. Water from 140 to 145.
SRN	" 1	J. Hald	Apr. 29, 1966	5	15	126	111	"	D	Sand 28;clay gravel 125;fine gravel 130. Water from 125 to 130.
SRN	" 2	Big 4 Hatchery	Dec. 1966	5 1/2	20	60	55	"	S	Gravel 2;sand 70;grey sand clay 105;quicksand 115;sand 122. Water from 118 to 122.
SRN	" 6	P. Baranski	Aug. 25, 1964	30	3	20	14	"	D	Fine sand 20;brown clay 26. Water at 20.
SRN	" 7	Tend-B-Flesh Water Supply Ltd.	Mar. 25, 1967	2	14	51	51	"	T 1-67	Gravel fill 2;way brown clay 18;clay gravel 32;soft sand-stone 35;fine sand 43;fine gravel sand 74;coarse sand gravel 107;gravel fine coarse 111;coarse fine sand 118;soft clay gravel 190;lightly cemented gravel clay 231;boulder 232. Water from 107 to 108.
SRN	" 7	"	Apr. 4, 1967	2		51	51	"	T 2-67	Topsoil 1;clay gravel 53;sand gravel 99;sand particles clay 109;gravel sand 114;solid clay 121. Water from 109 to 114.
SRN	" 7	"	Dec. 11, 1967	12	300	74	52	"	In	Clay till 58;fine sand 105;medium sand 113;coarse sand 117;drill silty sand clay 118;clay 119. Water from 58 to 117.
SRN	" 11	Green Hill Motel	Aug. 3, 1965	53	15	84	69	"	P	Sand 12;clay 39;silt 70;gravel 84;fine gravel 87. Water from 84 to 87.
SRN	" 12	Imperial Oil	Feb. 24, 1964	5	20	26	20	"	C	Brown clay 18;sand 46;coarse sand 51. Water from 48 to 51.
SRN	" 12	A. Randall	Nov. 27, 1964	5	11	43	28	"	D	Sandy clay 40;fine sand 47. Water from 43 to 47.
SRN	" 13	L. Hagen	Jan. 20, 1964	5	15	120	100	"	D	Sand 95;brown clay 118;sand clay streaks 145;sand 158. Water from 150 to 158.
SRN	" 13	W. Schnell	Dec. 11, 1964	5 1/2	20	28	15	"	D	Brown clay 41;fine sand 48. Water from 41 to 48.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST EXPL.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont. Woolwich Twp. - cont. Crooks Tract: East of River cont. lot 6	BP	G. Wallis	July 25, 1966	6 1/2	20	60	25	Fresh	D	Brown sand gravel stone 14; grey gravelly clay 78; gravelly blue clay 94; fine gravel 95. Water at 94 1/2.
"	6 Grand River Golf Club	F. Ince	Oct. 14, 1967	6 1/2	20	50	5	"	T	Brown clay 1; hard packed gravel 45; blue clay 55; stony quicksand 59; gravel 60; hard packed gravel 63. Water at 60.
"	"	"	Oct. 20, 1967	6 1/2	15	30	20	"	P	Brown clay 1; gravel hard packed 28; gravel 30; hard packed gravel 44; gravel 46; hard packed gravel 52; fine gravel 61. Water from 52 to 61.
"	7 K. Maxwell	R. McLaughlin	Mar. 9, 1964	7	15	25	10	"	D	Gravel 15; clay 40; clay loose hardpan 60; sand 82; gravel 84. Water at 83.
"	7 H. Scott	McLaughlin Water Wells Supply Ltd.	Aug. 11, 1965	7	10	75	30	"	D	Soil 2; clay hardpan 108; sand 109; gravel 110. Water at 110.
"	7 D. Beynon	Lone Star Well Digging	Mar. 2, 1966	30	5	18	8	"	D	Coarse sand 8; gravel 15; blue clay 22 1/2. Water at 12.
"	7 A. Kennell	C. Shantz	July 2, 1966	5	15	15	15	"	D	Dug well 8; clay gravel 120; broken rock 122. Water from 120 to 122.
"	7 P. Rempel	McLaughlin Water Wells Supply Ltd.	Apr. 26, 1967	7	15	45	15	"	D	Topsoil 1; gravel boulders 14; clay hardpan 60; gravel 61. Water from 60 to 61.
"	7 B. Kirkham	W. Packham	June 15, 1967	6 1/2	20	55	39	"	D	Coarse gravel 20; clay gravel 95; fine running grey sand 110; hardpan 115. Water at 115.
Con I	1 G. Schweitzer	McLaughlin Water Wells & Supply	May 25, 1967	7	15	60	25	"	D, S	Gravel 3; clay 40; grey clay 90; quicksand clay 100; gravel 101. Water from 100 to 101.
Con I	2 J. Snyder	"	Dec. 20, 1966	7	10	40	30	"	D, S	Topsoil 5; hardpan clay 16; clay streaks hardpan 67; gravel 69. Water from 68 to 69.
Con I	3 B. Seim	Hadco Well Drig. & Digging Ltd.	June 2, 1967	5	8	60	35	"	D	Brown clay 3; brown clay gravel 12; blue clay 33; gravel 35; blue clay stones 40; hardpan gravel 60; sand gravel 65; gravel 75. Water at 75.
Con I	4 L. Hartwick	Lone Star Well Digging	Mar. 31, 1965	30	3	10	10	"	D	Sand 10; coarse gravel 15. Water at 10.
Con II	3 J. Weber	McLaughlin Water Wells & Supply	Dec. 30, 1966	7	15	75	60	"	D, S	Topsoil 3; gravel 10; grey clay gravel 60; hardpan 75; clay 102; gravel 108. Water from 106 to 108.
Con III	1 W. Elder	Graham Well Drig.	Dec. 23, 1964	5	10	25	18	"	S	Old dug well 34; grey clay stones 52; brown clay stones 63; brown gravel 97; dark brown rock 136; light brown rock 152. Water from 130 to 152.
Crooks Tract: West of River lot 1	E. Brubacher	G. Davidson	Jan. 25, 1967	4	12	22	20	Sulphur	D, S	Gravel 24; hardpan 36; gravel hardpan 42; hardpan 72; blue brown soft shale 85; dark grey hard rock 105; blue brown medium hard rock 120. Water at 120.
BP	"	"	"	"	"	"	"	"	"	Sand gravel 30; blue clay 45; hardpan 59; sand gravel 106; blue limestone 127. Water at 125.
BP	3 E. Brubacher	N. MacLean	Mar. 3, 1964	4	15	22	12	Fresh	D, S	Topsoil 2; clay 30; hardpan 84; clay 101; hardpan 112; gravel 120; clay 122. Water from 112 to 120.
German Company Tract lot 7	A. Good	McLaughlin Water Wells & Supply	Oct. 14, 1964	8	30	61	59	"	P	Topsoil 2; gravel 13; hardpan 52; loose hardpan 54; gravel 55. Water from 54 to 55.
GCT	7 St. Jacobs	"	Apr. 25, 1966	10	15	20	12	"	In	Topsoil 2; gravel boulders 13; hardpan 50; loose hardpan 54; gravel 55. Water from 54 to 55.
GCT	7 Canning Co. Ltd.	"	July 19, 1966	10	45	25	12	"	In	Topsoil 1; brown clay 14; blue clay 16; brown sand 21; blue clay 27. Water at 18.
GCT	8 W. Schieckhoff	Hadco Well Digging Ltd.	Aug. 7, 1964	30	2	27	18	"	D	Topsoil 2; clay 50; clay hardpan 90; hardpan 120; clay hardpan 139; blue rock 150; brown rock 160; blue rock 165. Water from 145 to 165.
GCT	8 Hollinger Hardware	McLaughlin Water Wells & Supply	Aug. 4, 1966	6 1/2	30	95	40	"	C	

WATERLOO COUNTY - cont.

GCT	"	8	E. Feick	F. Straus	Jan. 27, 1967	5	12	54	47	Fresh	D, S	Full 4; clay boulders 15; clay 125; hardpan 146; clay 175; hardpan 180; gravel 181. Water from 180 to 181.
GCT	"	10	Waterloo Rod & Gun Club	McLaughlin Water Wells & Supply	Feb. 15, 1966	5	10	120	65	"	D	Topsoil 1; sand clay 10; grey clay 32; hardpan clay 65; hardpan stones 120; hardpan clay 150; silty sand 161; coarse sand 169. Water from 161 to 169.
GCT	"	13	J. Martin	R. McLaughlin	Apr. 11, 1964	5	10	66	63	"	D, S	Clay 29; sand 46; clay 82; hardpan 98; clay 146; hardpan 191; gravel 196. Water at 191.
GCT	"	17	E. Mademan	F. Straus	May 9, 1966	5	15	77	61	"	S	Light soil 15; quicksand 20; brown clay 100; quicksand 110; hardpan 121; clay 234; boulder 237; clay 239; grey rock 257. Water from 239 to 257.
GCT	"	17	G. Metzger	Lone Star Well Diggins	Mar. 30, 1967	30	5	26	10	"	D	Clay 10; sand 22. Water at 10.
GCT	"	20	E. Brubacher	Sauder & Martin	Oct. 2, 1965	4	13	40 1/2	38	"	D	Blue clay 66; hardpan 74; hardpan 90; coarse sand clay 103; quicksand 109; clay coarse sand 123; soft blue clay 149; hardpan 151; blue clay 175; red clay 182; brown sand 198; black shale 200; coarse gravel 202. Water from 200 to 202.
GCT	"	21	D. Martin	Lone Star Well Diggins	Sep. 29, 1964	30	3	25	20	"	S	Clay 20; sand 30. Water at 20.
GCT	"	21	C. Leith	McLaughlin Water Wells & Supply	Dec. 1, 1967	5	15	70	55	"	D	Clay sand 15; sandy hardpan 105; clay sand 120; hardpan clay 189; grey rock 190. Water from 189 to 190.
GCT	"	24	E. Weber	Durham Drlg.	Apr. 13, 1964	4	10	45	22	"	D, S	Topsoil 2; sandy clay 50; hardpan 55; fine sand 60; clay 110; hardpan 112; fine sand 114; fine gravel 116. Water at 115.
GCT	"	27	Optimist Club	C. & H. Kerr	May 14, 1965	4	13	60	21	"	F	Silty sand 65; blue clay 266; limestone shale 267; brown lime - stone 294. Water from 285 to 290.
GCT	"	33	L. Gaessler	Hadco Well Drlg. & Diggins	Apr. 8, 1966	5 1/2	2	135	24	"	D	Blue clay 35; blue clay rocks 50; sand gravel 55; blue clay rocks 90; red shale 134; sandy gravelly clay 135; rock layers red shale 140; soft rock red shale 155. Water at 140.
GCT	"	34	A. Brubacher	J. Sauder	June 5, 1965	4	14	16	15	"	D	Topsoil 1; blue clay 18; grey bluish clay 51; grey bluish clay boulders 54; grey clay 64; hardpan 67; gravel 68; blue clay 128; blue shale cemented sand 167; rock 172. Water from 170 to 172.
GCT	"	37	I. Weber	McLaughlin Water Well & Supply	July 3, 1964	5	10	70	52	"	D	Soil fill 3; clay 15; clay hardpan 105; red clay hardpan 115; clay hardpan 135; clay sand stones 153; rock. Water from 147 to 153.
GCT	"	38	D. Kraemer	"	Sep. 26, 1967	5	10	75	50	"	D	Clay gravel 11; clay sand 12; clay stones 36; clay hardpan 85; hardpan 92; gravel 93. Water at 92.
GCT	"	41	St. Matthews Lutheran Church	N. MacLean	Jan. 6, 1964	5	6	25	18	"	P	Dug well 21; quicksand 23; blue clay 64; hardpan 73; sand gravel 80. Water from 73 to 80.
GCT	"	41	Conestoga Community Club	R. McLaughlin	Jan. 10, 1964	7	18	85	60	"	P	Topsoil 1; gravel 25; hardpan clay 70; hardpan 108; gravel 111. Water at 110.
GCT	"	41	W. Schear	N. MacLean	Apr. 20, 1964	4	8	35	35	"	D	Topsoil 2; brown clay 7; gravel boulders 22; blue clay 65; sand 90; coarse sand 105. Water at 90.
GCT	"	41	B. Letterman	McLaughlin Water Well & Supply	July 24, 1964	5	15	55	28	"	D	Soil 3; gravel 21; clay hardpan 85; gravel 88. Water at 87.
GCT	"	41	H. Ritter	"	Sep. 10, 1964	7	11	55	52	"	D	Back fill 7; clay 11; hardpan 52; clay 58; hardpan 81; gravel 83. Water at 83.
GCT	"	41	J. Gingrich	Hadco Well Drlg. & Diggins	Oct. 8, 1964	5 1/2	4	45	45	"	D	Clay 5; boulders clay 30; sand 35; clay rock 45; gravel 61. Water from 55 to 61.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont. Woolwich Twp. - cont. German Company Tract GCT lot 41	W.Theim	Hedco Well Drig. & Digging McLaughlin Water Wells & Supply	Oct. 9, 1964	5 1/4	30	45	25	Fresh	D	Clay 45; gravel 56. Water from 45 to 56.
GCT " 41	J.Noot		Jan. 22, 1965	7	10	75	50	"	D	Soil 2; gravel 20; clay 40; hardpan 115; red clay gravel 125; red clay gravel 125; hardpan 135; grey limestone 140. Water from 136 to 140.
GCT " 41	Martin Peed Mills Ltd.	Hedco Well Drig. & Digging Ltd.	July 1, 1965	30	4	20	11	"	C	Gravel sand 4; clay 12; brown sand 27. Water from 12 to 27.
GCT " 41	A.Martin	McLaughlin Water Wells & Supply	Mar. 20, 1966	5	10	75	20	"	D, S	Gravel 2; clay 35; hardpan clay 90; hardpan 115; clay hardpan 135; rock 141. Water from 139 to 141.
GCT " 41	J.Praser		Oct. 24, 1966	5 1/2	10	52	35	"	D	Topsoil 1; grey clay 22; gravel 75; clay gravel 97; gravel 98. Water from 97 to 98.
GCT " 41	L.Martin	W.Packham	Nov. 23, 1967	6 1/4	20	100	29	"	P	Clay 5; sand gravel 35; muddy sand gravel 105; coarse gravel 110. Water at 110.
GCT " 41	Dr.G.Powers	McLaughlin Water Wells & Supply	Dec. 19, 1967	7	15	65	45	"	D	Fit 5; gravel 15; hardpan 80; gravel 81. Water from 80 to 81.
GCT " 45	L.Betz-Ratz Lumber Ltd.	Hedco Well Drig. & Digging	May 31, 1965	5 1/2	20	190	62	"	P	Sand 25; sand gravel 58; clay 110; clay layer gravel 142; clay 165; clay gravel 175; blue shale 196; brown rock 202; broken grey rock 212. Water from 209 to 212.
GCT " 59	Sealing Farms Ltd.	"	Apr. 22, 1966	5 1/4	25	100	25	"	D, S	Sandy clay 5; grey sand 22; blue clay boulders 87; boulders 95; red shale 100; gravel sand 105; hard blue shale 121; grey bedrock 145; soft brown rock 178; broken white rock 183. Water from 178 to 183.
GCT " 61	E.Gingrich	Durham Drig. & Enterprises Ltd.	Apr. 4, 1964	4	10	40	30	"	D, S	Topsoil 2; clay 60; gravel stone clay 130; clay 175; gravel sand 180; coarse sand 188. Water from 185 to 188.
GCT " 66	C.Martin		Oct. 15, 1965	4	15	45	41	"	D, S	Topsoil 2; boulders clay 25; sandy clay 75; sand 100; fine gravel 104. Water at 90 and 103.
GCT " 69	G.Schweitzer	McLaughlin Water Wells & Supply	Aug. 18, 1965	8	15	15	Flows	"	D	Dug well 10; clay gravel 29; gravel 30. Water at 30.
GCT " 69	O.Klinck	Hedco Well Drig. & Digging Ltd.	Oct. 24, 1967	5	8	75	"	"	D	Topsoil 1/2; black muck; brown clay 9; boulders gravel 18; blue clay stones 92; blue sand 94; blue clay 98; gravel 108. Water at 104.
GCT " 72	C.Bauman	McLaughlin Water Wells & Supply	July 9, 1965	7	10	100	50	"	D, S	Clay hardpan 75; hardpan 88; grey rock 110. Water from 105 to 110.
GCT " 72	F.Jupp	Lone Star Well Digging	Sep. 10, 1967	36	3	8	7 1/2	"	D	Topsoil 1; coarse gravel 10. Water at 7 1/2.
GCT " 72	O.Hagecorn	W.Packham	Mar. 29, 1967	10	50	12	6 1/2	"	P	Gravel stones 6; coarse gravel hardpan 89; soft shale limestone 107. Water at 95.
GCT " 72	I.Martin	Davidson's Well Drig.	Nov. 1, 1966	4	8	22	10	"	D	Topsoil 1/2; clay 3; sand gravel 20; clay sand 47; dark green soft shale 60; blue soft shale 97. Water at 97.
GCT " 74	H.Krauck Cont.	McLaughlin Water Wells & Supply	Sep. 3, 1964	5	15	52	40	"	D	Stones gravel 12; clay 23; hardpan 109; sand clay 111; hardpan 119; gravel 121. Water at 121.
GCT " 75	D.Cressman	Lone Star Well Digging	Nov. 9, 1965	30	10	25	20	"	S	Gravel 20; grey clay 29. Water at 20.
GCT " 77	U.Weber	G.Davidson	Oct. 31, 1964	4	12	60	59	"	D, S	Blue clay 10; quicksand 36; blue soft clay 54; hardpan 78; sandy gravel 93; hardpan 104; gravel 111. Water at 111.
GCT " 80	W.Shantz	Hedco Waterwell Drig. Co.Ltd.	Sep. 17, 1964	5 1/4	9	50	10	"	D	Clay 12; gravel 22; clay 38; rock 41; clay rock 51; sand gravel 60; coarse sand 64. Water from 51 to 64.

WATERLOO COUNTY - cont.

Woolwich Twp. - cont. German Company tract lot 84	J. Martin	Sauder & Martin	June 13, 1967	4	5	69	12	Fresh	D	Brown clay 12; blue clay 36; blue clay coarse sand 42; blue clay 55; hardpan 68; medium fine sand 75. Water from 68 to 75. Sand gravel 20; sand 50; sand gravel 80; sand 105; coarse sand 108. Water at 108.
"	E. Seiling	G. Davidson	Apr. 27, 1964	5	10	70	60	"	C	Topsoil 1; brown clay 82; blue sand 85; gravel 98. Water from 85 to 98.
"	F. Hetherton	Hadco Well Digging Ltd.	May 8, 1964	4½	9	85	50	"	D	Topsoil 1; brown clay 82; blue sand 85; gravel 98. Water from 85 to 98.
"	G. Holterman	"	May 12, 1964	4½	9	90	50	"	D	Topsoil 1; brown clay stones 42; red clay 62; gravel 65; blue clay 68; gravel 82; sand 86; gravel 96. Water at 88.
"	E. Read	"	May 15, 1964	4½	9	85	50	"	D	Topsoil 1; brown clay 10; sand gravel 72; red clay 75; gravel 82; sand 84; gravel 93. Water at 85.
"	W. Hilker	McLaughlin Water Wells & Supply	Nov. 13, 1967	7	15	65	50	"	D	Soil, clay sand 12; sand 30; sand clay 98; loose hardpan 100; gravel 101. Water from 100 to 101.
"	L. Playford	G. Davidson	July 12, 1964	4	15	72	60	"	D, S	Blue clay 64; sand 68; hardpan 115; sand 120; hardpan 150; blue rock 178. Water at 178.
"	W. Thaur	"	Oct. 28, 1964	4	30	70	56	Mineral	D, S	Stony clay 67; hardpan 138; stony hardpan 181; blue shale 232. Water at 232.
"	O. Martin	"	June 30, 1964	4	12	55	31	Fresh	D, S	Dry well 4; clay 20; sand hardpan 72; red clay 90; sand gravel 141; green shale 153; brown medium brown rock 160. Water at 160.
"	E. Gingrich	Banes Drlg. Co	Jan. 8, 1964	30	10	25	21	"	D, S	Sandy loam 3; fine brown sand 22; gravelly brown clay 27½. Water at 21.
"	M. Shoemaker	Hadco Well Drlg. & Digging Ltd.	June 28, 1967	30	6	12	12	"	D	Brown clay 13; blue clay 14; grey sand 16; gravel 19; blue clay 30. Water at 14.
"	E. Bauman	"	Mar. 24, 1966	5½	20	160	35	"	S	Gravel 42; sandy clay grey gravel 89; grey clay rocks 120; grey clay boulders 162; shale brown rock 178; green rock 199; blue rock 215; soft white rock 230. Water from 225 to 230.
"	O. Gingrich	Sauder & Martin	June 22, 1967	4	11	17	12	"	P	Brown clay 12; blue clay 38; coarse stony clay 42; sandy coarse gravel 44. Water from 42 to 44.
"	Z. Buehler	Hadco Water Well Drlg.	Aug. 12, 1964	5½	50	60	20	"	D	Sand clay 45; gravel 52; sandy clay rock 60; sand 65; clay 67; sand 110; sandy clay 112; cemented gravel 117; sand 119; cemented gravel 130. Water at 112 and 122.
"	Woolwich Twp. Area School Board	"	Mar. 17, 1966	5½	10	75	19	"	P	Clay 35; clay boulders 72; clay sand gravel 79; gravel 100. Water from 79 to 100.
"	H. Martin	G. Davidson	Jan. 24, 1964	4	12	24	20	"	D, S	Bluish clay 28; sand 90; hardpan 155; sand 174; clay boulders 187; heaving sand 204; blue shale 209; grey rock 217. Water at 217.
"	E. Weber	McLaughlin Water Wells & Supply	Oct. 30, 1965	6½	15	96	93	"	D	Topsoil 2; sand 12; clay 31; hardpan clay 102; hardpan gravel 112; gravel 113. Water at 112.
"	R. Trotter	Hadco Well Digging Ltd.	July 11, 1966	5½	12	95	82	"	D	Brown clay 15; blue clay 22; gravel 26; blue clay 52; boulders 53; blue clay 98; sand gravel 105; blue clay 107; gravel 120. Water at 118.
"	S. Martin	McLaughlin Water Wells & Supply	Apr. 17, 1967	5½	10	113	90	"	D	Gravel 2; sand 14; sand clay 40; clay 75; hardpan 125; soft hardpan 133; gravel 138. Water from 133 to 138.
"	C. Deckert	Hadco Well Drlg.	May 4, 1967	5	4	105	80	"	D	Topsoil 2; brown clay sand 37; blue clay 75; blue clay hardpan 115; hardpan 127; gravel sand 128. Water at 128.
"	C. Gingrich	Digging Ltd.	Jan. 4, 1966	5½	20	95	70	"	D	Clay 15; rock 20; clay boulders 72; sandy clay 80; clay boulders 102; gravel 104; rock 107; gravel 110. Water from 107 to 110.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extended below the surface are given in feet)
WATERLOO COUNTY - cont. Woolwich Twp. - cont. GCT German Company lot 115 cont.		Durham Drilg. & Enterprises Ltd. McLaughlin Water Wells Supply Ltd. Hards Well Drls. " Digging Ltd. G. Davidson	Dec. 14, 1966 May 3, 1967 July 28, 1966 Feb. 5, 1964	4 7 5 1/2 4	20 30 12 12	10 17 100 35	Flows 10 55 25	Fresh " " "	D, S D D, S D, S	Cement 1/2; brown yellow clay 50; brown hardpan 90; sand gravel 114; grey shale 120. Water from 116 to 120. Sand 1; clay 20; hardpan 42; soft hardpan 51; gravel 52. Water from 51 to 52. Topsoil 6; brown clay 18; blue clay 63; gravel 65; blue clay 95; cemented gravel 150; gravel 155. Water at 151. Clay 50; sand gravel 83; hardpan 154; shale 162; brown rock 181. Water at 181.
Hitchings Tract Con A lot 1	A. Letson	McLaughlin Water Wells Supply Ltd.	Apr. 28, 1965	5	15	63	35	Fresh	D, S	Topsoil 2; gravel 8; clay 15; clay hardpan 95; hardpan 118; rock 125. Water from 120 to 125.
Con I " 1	H. Lauber	P. Straus	Mar. 18, 1966	7	12	37	34	"	D, S	Sand 20; clay 31; hardpan 65; sand 70; clay 72. Water from 65 to 70.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC FEET	KIND OF WATER	USE*	LOG AND REMARKS*
(Depths to which formations extend below the surface are given in feet)										
WELLAND COUNTY - cont. Bertie Twp. - cont. Niagara River Front										
NRF Con VIII lot	2 H.Herbert	R.Schoolley	Oct.21,1966	6	1 1/2	50	18	Fresh	D	Stony clay 28;limestone 65. Water at 65.
NRF Con VIII	7 J.Carver	W.Winger & Son	Aug.29,1964	6 1/4	7	24	21	"	D	Clay stones 1;shale 8;brown rock 42. Water at 39.
NRF Con IX	6 H.Hand	"	Feb. 4,1964	6 1/4	7	35	33	"	D	Topsoil 2;shale 10;brown limestone 66;black limestone 81. Water at 78.
NRF Con IX	6 M.McIntee	"	Feb.25,1964	6 1/4	7	33	33	"	D	Topsoil 1;shale 7;brown limestone 63;black limestone 80. Water at 78.
NRF Con IX	6 R.Noziel	R.Schoolley	Sep. 1,1966	6	15	24	24	"	D	Red clay 13;limestone 44. Water at 44.
NRF Con XI	1 J.Konop	E.Johnston	Oct.15,1964	6	10	31	31	"	D	Brown clay 2;limestone 20;siltstone 45. Water at 34 and 42.
NRF Con XII	1 E.Winger	R.Schoolley	May 15,1965	5	2	30	17	Sulphur	D	Sandy clay 8;grey limestone 38. Water at 38.
NRF Con XII	1 R.Beam	"	Nov. 1,1966	5	15	22	19	Fresh	D	Loose rock 6;grey limestone 35. Water at 35.
NRF Con XII	2 D.Beaulieu	"	Nov. 1,1966	5	3	60	25	"	D	Blue clay 40;hardpan 62;shale 70. Water at 70.
NRF Con XII	2 R.Burke	"	June14,1967	5 1/2	1 1/2	75	10	Sulphur	D	Blue clay 52;limestone 98. Water at 98.
NRF Con XII	2 R.Hill	W.Winger & Son	Oct.30,1964	6 1/4	2	11	8	"	D,S	Dark brown clay 10;stony clay 39;brown rock 50;soft brown rock 70. Water at 57.
NRF Con XV	5 C.Thomas	R.Schoolley	Aug. 7,1965	5	15	18	18	Fresh	D,S	Clay 2;loose rock 10;limestone 40. Water at 40.
Crowland Twp.										
Con I	lot 15 S.Shumlick	W.Lounsbury &Son	Nov. 2,1965	6 1/4	17	60	11	Fresh	D	Solid brown clay 18;soft blue clay 60;red clay 99;fine red sand 102;small coarse gravel 103. Water at 102.
Con II	18 P.Kiewit &Sons of Can. Ltd.	F.Merritt	Sep.12,1967	6 1/4	10	40	25	"	C	Brown clay 25;soft reddish sandy clay 65;clay gravel 75;quicksand 95;gravel 98. Water at 98.
Con II	18 St.Lawrence Seaway Auth.	International Water Supply Ltd.	Mar.20,1967	12	34	48	24	Saline	N	Silt clay 54;clay gravel 59;gravel clay 63;soft limestone 71;solid limestone. Water at 59.
Con III	9 J.Majors	F.Merritt	May 13,1964	6 1/4	10	30	23	Fresh	D,S	Brown clay 55;fired packed gravel 80;gravel 85. Water at 85.
Con IV	2 C.Bradley	R.Schoolley	Nov.27,1964	5	8	50	16	"	D,S	Red clay 40;blue clay 60;hardpan 74;sand fine gravel 87;shale 90. Water at 90.
Con V	8 V.Clark	S.Merritt	June17,1964	6 1/4	16	38	38	"	D	Clay 12;quicksand clay 30;stones sand 45;hard packed sand 90; sand 91. Water at 91.
Con VII	15 O.Haeberle	R.Schoolley	June25,1965	5	15	28	14	"	D,S	Red clay 26;blue clay 80;gravelly clay 92;gravel 100. Water at 100.
Ponthill Village										
Ponthill PUC	Ponthill PUC	International Water Supply Co.	Sep. 3,1964						T	Fill 4;sand gravel boulders clay 12;sand gravel clay 24;clay fine sand gravel silt 75;silty clay sand gravel silt 89;clay sand gravel 140;sand clay 320;broken rock gravel 328;rock.
"	"	"	July30,1965	12	250	29	13	Fresh	P	Sandy clay 11;coarse sand fine gravel 13;hardpan 14;medium coarse sand fine gravel 29;medium fine sand 45;medium fine sand gravel 46;clay gravel 48. Water from 14 to 46 1/2.
"	"	"	Sep.23,1964	2			15		T	Topsoil 1;brown clay 11;silty clay 19;gravel sand 37;clay 39;sand clay 73;clay sand 98. Water at 19.
"	"	"	Sep.17,1964	2	50	10 1/2	10		T	Clay odd bit gravel 12;clay gravel 15;gravel sand boulder 17;sand fine gravel 34;sand fine gravel clay 50. Water at 15.

WELLAND COUNTY - cont.  
Ponthill Village - cont.

Port Erie, Town Con I	lot 9	J. Lamontagne	R. Schooley	Oct. 25, 1967	6	20	10	8	Fresh	D	Red clay 15; gravel 20. Water at 20.
Humberstone Twp. Con I	lot 2	W. Brant	R. Schooley	Sep. 12, 1964	6	1	31	10	Sulphur	N	Clay 3: flint 31. Water at 31.
	2	J. Meyers	"	June 11, 1965	6	2	27	16	"	D	Gravelly clay 25; flint 33. Water at 33.
	2	S. Near	"	Aug. 15, 1967	6	15	14	12	Fresh	D	Clay 6: grey limestone 26. Water at 26.
	3	L. Sider	"	Nov. 14, 1964	6	11	24	12	"	D	Clay 3: flint 24. Water at 24.
	3	R. Brennan	"	Mar. 30, 1965	5	15	22	12	"	D	Brown clay 12; limestone 25. Water at 25.
	3	C. Sider	"	Aug. 13, 1965	5	12	26	12	"	D	Clay 2: flint 26. Water at 26.
	3	A. Brennan	"	July 4, 1966	5	10	16	12	"	D	Clay 14; grey limestone 26. Water at 26.
	3	L. Sider	"	May 8, 1967	5	10	12	12	"	D	Clay loam 2: flint 25. Water at 25.
	5	P. Langzevin	"	Feb. 6, 1964	6	7	23	14	"	D	Loose rock 4: flint 33. Water at 33.
	5	P. Schatzline	"	Mar. 9, 1966	6	10	24	24	"	D	Loose rock 4: flint 33. Water at 33.
	5	G. Rowe	"	June 4, 1966	6	15	40	24	"	D	Hubbie 3: flint 36. Water at 36.
	5	E. Schatzline	"	May 29, 1967	6	14	20	27	"	D	Blue clay 16: grey limestone 26. Water at 26.
	7	L. Schooley	"	July 8, 1967	5	7	15	8	Sulphur	D	Blue clay 16: grey limestone 26. Water at 26.
	10	P. Ordman	"	Nov. 9, 1964	5	7	15	8	Fresh	D, S	Clay 18: flint 24. Water at 24.
Con I	11	D. Stinson	"	Mar. 8, 1965	6	1	40	15	"	D	Clay 18: flint 24. Water at 24.
Con I	11	C. Eberhardt	"	Oct. 5, 1967	6	1	22	22	Sulphur	D	Sand 18: flint 44. Water at 44.
Con I	12	Ont. Dept. of Highways	S. Merritt	Aug. 3, 1965	6	15	65	18	"	D	Sand 18: flint 44. Water at 44.
Con I	12	C. Schutter	R. Schooley	Aug. 31, 1967	6	15	45	18	"	S	Sand 3: flint 90. Water at 45 and 88.
Con I	13	R. Clee	"	Mar. 4, 1964	6	15	45	18	"	S	Flint 40: brown limestone 80; shale 104. Water at 104.
Con I	13	D. Borge	"	Jan. 4, 1965	6	10	16	12	Fresh	D	Clay 3: grey limestone 28. Water at 28.
Con I	13	K. Anthes	"	Apr. 19, 1965	6	14	20	20	Sulphur	D	Sand 1: flint 28. Water at 28.
Con I	13	K. Eustlin	"	Oct. 9, 1965	6	15	8	15	Fresh	D	Sand 1: grey limestone 34. Water at 34.
Con I	13	S. Hardman	"	May 9, 1966	6	15	25	15	"	D	Clay 4: flint 32. Water at 32.
Con I	13	E. Bryan	"	Nov. 15, 1966	6	15	15	15	"	D	Hubbie 3: flint 34. Water at 34.
Con I	13	G. Johnson	"	June 2, 1967	6	10	20	12	"	D	Clay loam 1: flint 27. Water at 27.
Con I	13	J. Busell	"	Sep. 20, 1967	5	10	20	12	"	D	Hubbie 2: limestone 12; flint 32. Water at 32.
Con I	14	D. Dunlop	"	Nov. 10, 1965	5	20	12	4	"	D	Loam 2: flint 32. Water at 32.
Con I	14	D. Dunlop	"	Nov. 10, 1965	5	20	12	4	"	D	Clay 4: limestone 12; flint 32. Water at 32.

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LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont.										
Humberstone Twp., lot 15	J. Langenberg	R. Schooley	July 23, 1964	6	10	10	10	Fresh	D, S	Clay 7'; flint 25'. Water at 25.
Con I	W. Buchanan	"	Dec. 11, 1965	6	10	14	10	"	D	Sand gravel 12'; flint 27'. Water at 27.
Con I	T. Peterson	"	Aug. 4, 1967	6	10	8	8	"	D	Clay 6'; flint 23'. Water at 23.
Con I	S. Vaicowica	R. Dennis	June 27, 1967	6 1/2	45	Flows	Flows	"	D	Brown clay 10'; shale gravel 14'; flint 47'. Water at 47.
Con I	D. Knoll	R. Knoll	Nov. 30, 1967	6	2	2 1/2	1	Sulphur	D	Brown clay 24'; limestone 57'. Water at 57.
Con I	W. Goble	R. Schooley	Mar. 28, 1964	6	10	22	12	Fresh	D	Blue clay 17'; grey limestone 35'. Water at 35.
Con I	G. Poster	"	Sep. 6, 1967	6	15	10	10	"	D	Clay 7'; flint 24'. Water at 24.
Con I	T. Pryer	"	Apr. 24, 1964	6	10	30	25	"	D	Sand 25'; blue clay 34'; flint 47'. Water at 47.
Con I	O. Beam	"	Aug. 19, 1965	5	6	15	8	Sulphur	D	Clay 7'; grey limestone 24'. Water at 24.
Con I	A. Zolomy	S. Merritt	Sep. 15, 1966	6 1/2	2	22	8	Fresh	D	Clay 6'; flint 22'. Water at 14.
Con I	B. Smith	R. Schooley	Sep. 25, 1967	6	15	14	10	"	D	Clay 4'; grey limestone 25'. Water at 25.
Con II	P. Dykstra	"	Jan. 10, 1967	6	7	14	15	"	D, S	Brown clay 10'; flint 34'. Water at 34.
Con II	4 Sheraton	"	Aug. 10, 1967	6	15	10	8	"	P	Clay 10'; grey limestone 31'. Water at 31.
Con II	United Church	"	July 14, 1965	6	15	15	12	Sulphur	Ir	Red clay 20'; limestone 39'. Water at 39.
Con II	D. Troop	"	May 26, 1964	5	10	12	7	"	D, S	Clay 15'; limestone 26'. Water at 26.
Con II	L. Gagnon	"	July 24, 1965	5	5	24	10	Fresh	D	Red clay 14'; limestone 34'. Water at 34.
Con II	10 Fort Colborne Conservation Club	"								
Con II	12 P. Schutter	"	Oct. 24, 1964	6	2	56	12	Sulphur	S	Rubble 2'; flint 36'; grey limestone 56'. Water at 56.
Con II	14 T. Koridiljs	"	Apr. 11, 1964	5	5	40	16	Fresh	S	Red clay 27'; shale 50'. Water at 50.
Con II	15 J. Santia	"	Nov. 24, 1965	5	10	15	4	"	D	Clay 12'; limestone 32'. Water at 32.
Con II	15 J. Santa	"	May 20, 1965	5	20	2	2	Sulphur	D	Clay 12'; limestone 28'. Water at 28.
Con II	15 B. Peterson	"	Nov. 9, 1966	5	10	12	6	"	D	Clay 15'; limestone 30'. Water at 30.
Con II	20 D. Clorne	"	Mar. 25, 1967	6	15	2	2	"	D	Clay 12'; limestone 26'. Water at 26.
Con III	16 W. Vanderlaan	"	Nov. 13, 1965	6	15	20	20	Fresh	S	Blue clay 26'; gravel 29'; shale 42'. Water at 42.
Con III	17 E. Lampman	"	Oct. 6, 1966	6	20	27	22	"	S	Clay 22'; gravel sand 27'; limestone 41'. Water at 41.
Con III	18 J. Matinavich	"	Sep. 1, 1965	5	15	39	29	"	D	Clay 8'; shale 22'; limestone 31'. Water at 31.
Con III	18 J. Masettelli	"	Feb. 18, 1967	5	12	83	43	"	D	Clay 3'; shale 30'; limestone 47'. Water at 47.
Con IV	3 E. Reaman	"	Dec. 8, 1967	6	20	15	15	Sulphur	P	Brown clay 3'; loose rock 8'; shale 98'. Water at 98.
Con V	6 F. Dunae	"	Aug. 20, 1966	6	12	40	20	Fresh	D, S	Red clay 26'; blue clay 54'; gravel 59'. Water at 59.
Con V	12 St. Lawrence	"	Sep. 8, 1966	6	15	16	12	"	D	Red clay 12'; blue clay 71'; gravel 77'. Water at 77.
Con V	21 Seaway Auth.	"						"		Blue clay 54'; gravel 60'. Water at 60.
Con V	Peninsula Soils Investigations Ltd	"	Dec. 22, 1967	12	150	145	7	"	T	Overburden clay silty clay 113'; dolomite gypsum seams 150'; limestone 151'. Water at 118.
Niagara Falls										
Gore lot 8	L. Giammattolo	W. Lounsbury & Sons	Oct. 9, 1964	6 1/2	20	55	17 1/2	Fresh	D	Hard clay stones 18'; hardpan 23'; limestone 56'. Water at 56.
	E. Cornnell	P. Merritt	Nov. 13, 1967	6 1/2	2	55	32	"	D	Brown clay 6'; brown shale 8'; grey limestone shale 65'. Water at 48.
	R. Ross	"	Apr. 15, 1965	5	4	34	10	"	D	Brown loam 20'; dirty shale 25'; grey limestone 38'. Water at 28 and 34.
	K. Sheridan	"	Aug. 29, 1967	6 1/2	10	15	3	"	D	Brown clay 11'; grey limestone 27 1/2'. Water from 25 to 27.
	Braun Constr. Co. Bldr.	W. Lounsbury & Sons	July 25, 1966	6 1/2	8	61	39	"	D	Red sandy loam 2'; soft blue clay 44'; red sandy clay 60'; limestone 64'. Water at 63.

Welland County - cont. Niagara Falls - cont.	Lot	W. Lounsbury & Sons	Feb. 24, 1966 Aug. 28, 1964	61 61	16 18	60 28	13 8	Fresh Sulphur	D S	Fine brownish red sand 63; limestone 67. Water at 65. Hard brown clay 6; soft brown clay 25; limestone 32. Water at 32. Soft clay 31; limestone 32. Water at 31. Brown clay 33; grey rock 46. Water at 45. Brown clay 20; blue clay 22; grey limestone 29. Water at 28. Topsoil 2; red sand 40; hard limestone 60; natural gas hard limestone 104; soft limestone 168; hard limestone 200; red sandstone 266; soft grey limestone 302. Water at 42. Hard clay 18; soft clay 29; stones 34; limestone 58. Water at 58. Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78. Hard brown clay 16; soft brown clay 68; hardpan large gravel 75; limestone 78. Water at 78. Brown loam 16; shale 21; grey limestone 38. Water at 36.
A. Polkoff R. Montgomery	lot Con I	W. Field & Son	Sep. 21, 1964 May 16, 1966	61 68	3 1	70 50	40 12	Fresh "	D D	Clay stones 20; blue clay 58; rock 75. Water at 70. Brown clay 5; loose limestone 9; limestone 50. Water at 20 and 40. Brown clay 20; brown clay boulders 24; limestone 40. Water at 36.
F. Pattison C. Farlevillet L. Bowman T. Bright & Co. Ltd.	" " " " "	P. Merritt W. Lounsbury & Sons L. Heard	May 31, 1967 June 30, 1965 Nov. 17, 1967 May 13, 1966	61 61 61 8	16 10 4 127	23 25 25 38	13 12 15 38	Fresh Sulphur " "	D D D D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78. Hard brown clay 16; soft brown clay 68; hardpan large gravel 75; limestone 78. Water at 78. Brown loam 16; shale 21; grey limestone 38. Water at 36.
L. Heard	"	"	Feb. 14, 1967	61	16	57	31	Fresh	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
Montrose Hotel A. Carlesso Const. Co. D. Nixon	" " " " "	" " P. Merritt	Apr. 10, 1964 Oct. 6, 1964 May 14, 1966	61 61 5	20 8 1	75 75 35	17 22 22	Sulphur " Fresh	P D D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78. Hard brown clay 16; soft brown clay 68; hardpan large gravel 75; limestone 78. Water at 78. Brown loam 16; shale 21; grey limestone 38. Water at 36.
W. Field & Son	lot Con I	W. Field & Son	Sep. 21, 1964 May 16, 1966	61 68	3 1	70 50	40 12	Fresh "	D D	Clay stones 20; blue clay 58; rock 75. Water at 70. Brown clay 5; loose limestone 9; limestone 50. Water at 20 and 40. Brown clay 20; brown clay boulders 24; limestone 40. Water at 36.
R. Wessel	"	"	Aug. 24, 1967	61	8	30	10	"	D, S	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
R. Desplins	"	P. Merritt	Sep. 22, 1965	61	5	34	22	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
M. Kretz	"	"	Aug. 3, 1965	61	10	45	35	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
T. Gula	"	"	Sep. 19, 1967	61	10	25	20	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
J. Carriere	"	"	July 28, 1967	61	10	45	30	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
R. Roland	"	S. Merritt	Nov. 28, 1967	61	14	38	32	"	S	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
J. Fortney	"	W. Field & Son	Apr. 28, 1967	61	10	35	28	"	D, S	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
E. Wright & Sons	"	"	Dec. 20, 1965	7	20	75	32	"	D, S	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
L. Reid	"	S. Merritt	Aug. 4, 1966	61	15	20	10	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
R. Stalwood	"	W. Field & Son	May 26, 1964	61	50	18	8	"	S	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
R. Nelson	"	S. Merritt	May 3, 1967	61	16	15	8	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
R. Schellenberg	"	F. Merritt	Oct. 3, 1966	5	6	40	25	Sulphur	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
Lakewood Const.	"	"	Mar. 6, 1966	61	6	45	25	Fresh	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
A. Wegman	"	W. Lounsbury & Sons	Dec. 5, 1965	61	5	30	22	"	D, S	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
J. Davidek	"	P. Merritt	July 6, 1966	61	18	30	22	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.
D. Elrse	"	"	Apr. 26, 1966	61	10	20	8	"	D	Soft brown clay 4; soft blue clay 65; soft brown clay 77; coarse gravel 78; limestone 79. Water at 78.

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# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depicts to which formations entered below the surface are given in feet)
WELLAND COUNTY - cont.										
Con IV	5 R. Patterson	W. Field & Son	May 29, 1964	6 1/2	1	35	10	Fresh	D	Brown clay 8; grey limestone 35. Water at 30.
Con IV	5 D. Flemming	W. Lounsbury & Sons	Mar. 31, 1965	6 1/2	4	60	36	"	D	Fine red sand 50; limestone 60. Water at 60.
Con IV	10 D. Crapps	F. Merritt	Sep. 15, 1967	6 1/2	10	15	10	"	D	Brown clay 20; reddish clay 36; grey limestone 40. Water at 38.
Con IV	15 R. Simpson	"	May 24, 1966	6 1/2	10	30	20	"	D	Brown clay 60; gravel 62; grey limestone 67. Water at 67.
Con V	2 A. Karner	W. Lounsbury & Sons	Oct. 29, 1966	6 1/2	6	58	28	"	D	Hard clay 21; soft clay 46; sand 54; coarse gravel 58. Water at 58.
Con V	2 H. Karner	"	Nov. 8, 1966	6 1/2	7	90	53	"	D	Top fill 5; red sand 81; sand gravel 86; hardpan 88; limestone 93. Water at 88.
Con V	13 L. Cooby	F. Merritt	June 3, 1965	6 1/2	10	20	15	"	D	Brown clay 10; sandy loam 30; quicksand 96; coarse gravel 100. Water at 100.
Con V	16 B. Lampman	"	Aug. 12, 1964	6 1/2	10	30	8	"	D	Brown clay 15; blue clay 65; red clay gravel 78; grey limestone 80. Water from 78 to 80.
Con V	18 H. Katz	S. Merritt	June 10, 1965	6 1/2	16	22	8	"	S	Clay quicksand 85; shale 87; Niagara rock 111. Water at 111.
Con V	20 F. Romeo	"	Aug. 17, 1965	6 1/2	15	30	27	"	D	Clay quicksand 99; shale 101; Niagara rock 110. Water at 102 and 110.
Con VI	6 R. Beckett	W. Field & Son	July 22, 1964	6 1/2	10	187	85	"	In	Black clay gravel 6; blue clay 26; quicksand 175; fine gravel 181; coarse gravel 187; grey limestone 190. Water at 181.
Con VI	6 G. Deyoung	W. Lounsbury & Sons	May 19, 1965	8	8	260	176	"	D	Large stones gravel 5; coarse gravel stones 83; fine red sand 234; sandy clay 256; soft clay 267; sandy clay 273; grey shale 275; limestone 278. Water at 275.
Con VI	6 Haun Marine Ltd	J. Crowley & Ass.	Sep. 8, 1966	6 1/2	15	120	70	Fresh	D	Silty sand gravel 17; dirty silty sand gravel 30; tight clay till 66. Dry hole.
Con VI	7 P. Nagy	G. Wallis	Nov. 25, 1967	6 1/2	16	15	5	"	D	Reddish brown sand 28; reddish brown sandy clay 146; limestone 151 1/2. Water at 148.
Con VI	11 A. McGready	S. Merritt	Aug. 20, 1965	6 1/2	16	15	5	"	D	Quicksand 50; clay 60; quicksand 90; sand gravel 96. Water at 90.
Con VI	11 H. Selby	F. Merritt	Sep. 15, 1966	6 1/2	10	20	15	"	D	Brown sand 20; red quicksand 65; red gravel 92; coarse gravel 94. Water from 92 to 94.
Con VI	12 J. Bentz	S. Merritt	Aug. 15, 1967	6 1/2	16	20	15	"	D	Sand quicksand 68; grey clay 85; sand quicksand 103; sand gravel 105. Water at 105.
Con VI	13 N. Colongale	"	Dec. 2, 1967	6 1/2	15	25	20	"	D	Clay 20; quicksand 90; sand 92; quicksand clay 116; shale 117. Water at 117.
Con VI	14 T. Colaprete	F. Merritt	May 4, 1966	6 1/2	10	10	3	"	D	Sandy loam 25; red sandy clay 55; quicksand 90; gravel 93. Water at 93.
Con VII	6 J. Nicholls	S. Merritt	Mar. 13, 1967	6 1/2	8	40	32	"	D, S	Gravel sand 40; quicksand gravel 79. Water at 79.
Con VII	9 E. Beamer	W. Lounsbury & Sons	July 18, 1965	7	20	130	89	"	D	Fine red sand 32; coarse red sand 42; coarse gravel 63; fine red sand 98; sandy clay 147; red sand 168; stony hardpan 169; limestone 170. Water at 169.
Con VII	9 Ponthill Sand & Gravel Ltd.	"	Oct. 18, 1965	10	350	194	149	"	In	Sand large stones 5; sandy loam 28; fine red sand 128; fine grey sand 205; sandy clay 212; stones clay 218; hard shale 220; limestone 230. Water at 230.
Con VII	19 J. Sawyer	F. Merritt	Sep. 3, 1966	6 1/2	10	35	22	"	D	Brown clay 20; red soft clay 65; red gravel 119; grey limestone 122. Water at 124.
Con VIII	7 Pelham District High School Bd	J. Crowley & Ass.	Aug. 10, 1966	6 1/2	11	140	117	"	P	Topsoil 1; dirty sand gravel 16; compacted sand gravel 117; fine sand odd streak silty sand 151. Water at 117.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont. Port Colborne, Town - cont.										
	D. Elliot J. Folko C. Derrylte	R. Schooley " "	Dec. 12, 1966 Jan. 3, 1967 Mar. 8, 1967	5 5 6	2 15 15	20 11 6	5 18 6	Fresh " "	D D D	Bubble 3; shale 29. Water at 29. Bubble 4; shale 38. Water at 38. Blue clay 21; gravel 27. Water at 27.
Thorold Twp.										
1st 25 G. Dominy		P. Merritt	Dec. 7, 1964	6 1/2	10	25	21	Fresh	S	Red clay 32; grey shale 35. Water at 35.
27 Falconbridge		W. Lounsbury & Sons	Mar. 31, 1966	6 1/2	8	28	22	Sulphur	C	Rock fill 4; soft brown clay 26; limestone 32. Water at 32.
" Nickels Mines		"	July 6, 1967	6 1/2	1	50	16 1/2	Fresh	C	Hard brown clay 23; limestone 50. Water at 47.
" Thorold Docks		P. Merritt	July 29, 1967	6 1/2	7	30	22	"	C	Blue clay 29; grey limestone 38. Water at 36.
" Deacon Struc- tures		W. Lounsbury & Sons	Jan. 19, 1967	6 1/2	8	25	14	"	D	Hard clay 7; soft blue clay 34; stony hardpan 36; limestone 42. Water at 42.
36 P. Kehoe		P. Merritt	Dec. 15, 1967	6 1/2	5	40	25	Sulphur	D	Brown clay 20; clay boulders 25; grey limestone 52. Water at 30 and 50.
61 K. Cosby		W. Lounsbury & Sons	Aug. 11, 1966 Aug. 5, 1965	6 1/2 6 1/2	10 15	30 32	24 16	Fresh "	D P	Blue clay 26; limestone 35. Water at 35. Hard brown clay 15; soft brown clay 28; limestone 33. Water at 32.
79 W. Youngblut		"	July 13, 1967	6 1/2	20	37	12	"	P	Hard brown clay 29; limestone 37. Water at 35.
80 B. Golfland		P. Merritt	Mar. 22, 1965	4	10	45	40	"	P	Brown clay 30; sandy loam 65; shale quicksand 69; grey limestone 73. Water from 70 to 73.
84 M. Senske		"	Oct. 30, 1964	6	15	35	31	"	D	Blue clay 48; limestone 55. Water at 55.
100 W. Walton		R. Schooley	Feb. 20, 1965	5	10	25	20	"	D	Blue clay 38; limestone 42. Water at 42.
101 H. Kottmeier		P. Merritt	July 12, 1965	8 1/2	16	60	33	"	D	Hard brown clay 20; soft blue clay 30; sandy red clay 50; fine red sand 72; limestone 72. Water at 72.
107 P. Coupland		W. Lounsbury & Sons	May 11, 1964	6 1/2	5	65	40	Sulphur	N	Blue clay 58; gravel 59; grey limestone 120. Water at 65 and 120.
111 D. Saver		W. Field & Son	Nov. 24, 1967	6 1/2	1	30	8	Fresh	P	Clay shale 4; Niagara rock 30. Water at 10.
111 A. Soott		S. Merritt	May 25, 1964	7	16	54	33	"	F	Hard brown clay 15; soft brown clay 28; hardpan 33; limestone 54. Water at 54.
113 B. Kurch		W. Lounsbury & Sons	May 29, 1964	6 1/2	16	54	50	"	P	Hard brown clay 15; soft brown clay 25; hardpan 31; limestone 54. Water at 54.
113 L. Stevens		"	Nov. 6, 1964 June 30, 1965	6 1/2 6 1/2	10 10	38 25	32 20	" "	D D	Blue clay 41; grey limestone 47. Water at 47. Brown clay 30; quicksand 42; clay gravel 44; grey limestone 50. Water at 45.
118 J. Lenson		P. Merritt	May 25, 1967	6 1/2	10	20	12	"	D	Blue clay 35; grey limestone 39. Water at 38.
118 D. Vanderloos		"	Oct. 15, 1966	6 1/2	16	30	13	"	D	Sand quicksand 50; quicksand gravel 60; shale 62. Water at 60.
118 R. Stephenson		S. Merritt	Sep. 4, 1965	6 1/2	12	18	8	"	D	Sand loam 12; boulders 15; Niagara rock 23. Water at 23.
133 M. Jaskolo		"	Oct. 17, 1966	6 1/2	8	12	4	"	D	Grey clay sand 13; Niagara rock 30. Water at 22 and 28.
134 R. Nickolls		"	Nov. 3, 1964	5	10	40	37	"	D	Blue clay 40; gravel 45; limestone 51. Water at 51.
134 T. Fymont		R. Schooley	Oct. 27, 1965	5	15	24	24	"	D	Red sandy soil 15; blue clay 52; limestone 54. Water at 54.
135 L. Konyi		"	Nov. 30, 1966	6 1/2	10	45	18	"	D	Red clay 6; red gravel 71; grey limestone 76. Water at 74.
136 W. Followay		P. Merritt	Apr. 28, 1967	6 1/2	10	25	15	"	D	Grey clay sand 28; sand gravel 34. Water at 34.
145 W. Chrysler		S. Merritt	June 1, 1966	6 1/2	16	16	15	"	D	Sand 38; sand gravel 40. Water at 40.
155 R. Barron		W. Field & Son	July 2, 1966	6 1/2	50	140	75	"	D	Brown clay 15; brown sandy loam 30; red sandy clay 60; blue clay gravel 160; gravel sand 170. Water at 165.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont.										
Wainfleet Twp. - cont.										
Con I lot 13	J. LeBlanc	R.Schooley	Apr. 29, 1964	6	10	10	10	Fresh	D	Sand 8; grey limestone 31. Water at 31.
Con I "	H. Gawnena	F. Merritt	Oct. 31, 1966	6 1/2	28	28	25	"	D	Topsoil, shale rock 10; flint 38. Water from 32 to 38.
Con I "	L. DeJaka	S. Merritt	July 6, 1964	6 1/2	5	20	10	"	D	Blue clay gravel 7; flint 25. Water at 20.
Con I "	N. Unteg	S. Merritt	June 26, 1965	6 1/2	3	38	12	"	D	Clay; flint 41. Water from 26 to 40.
Con I "	R. Porter	"	Sep. 13, 1966	6 1/2	4 1/2	52	32	"	D	Sand clay; flint 82. Water from 52 to 60.
Con I "	E. Henery	"	Nov. 17, 1966	6 1/2	12	35	30	"	D	Topsoil; flint 56. Water at 54.
Con I "	W. Saunders	R.Schooley	Dec. 18, 1967	6 1/2	15	15	30	"	D	Clay; flint 31. Water at 31.
Con I "	J. Williams	F. Merritt	Feb. 23, 1966	6 1/2	10	15	10	"	D	Brown clay 30; shale 32. Water at 33.
Con I "	Lebewood Camp	"	Feb. 17, 1966	6 1/2	16	45	1	"	D	Sandy loam 18; flint 12. Water at 35.
Con I "	J. McWatters	"	May 22, 1964	6 1/2	1	7	Flows	"	D	Sand clay 27; grey limestone 32. Water at 35.
Con I "	B. Wood	R.Schooley	June 25, 1965	6 1/2	14	30	15	"	D	Sand stones 9; flint 30. Water at 29.
Con I "	W. Parr	R.Schooley	Apr. 13, 1966	6	6	28	14	"	D	Gravel 8; grey limestone 40. Water at 40.
Con I "	R. Grabell	"	Sep. 27, 1966	6	13	20	15	Sulphur	D, S	Clay 9; flint 32. Water at 52.
Con I "	R. Grunter	S. Merritt	Dec. 30, 1966	6 1/2	15	20	15	Fresh	D	Sand gravel 10; rock 45. Water at 41.
Con I "	M. Golubic	R.Schooley	Apr. 20, 1967	6	13	30	20	"	D	Red clay 22; blue clay 52; flint 65. Water at 65.
Con I "	D. Ruckh	"	June 6, 1964	6	1	65	18	Sulphur	N	Red clay 22; blue clay 52; flint 65. Water at 65.
Con II "	J. Leley	"	July 31, 1967	6 1/2	15	30	30	Fresh	D	Loose rock 4; clay gravel 50; shale 51. Water at 51.
Con II "	J. Rose	S. Merritt	Dec. 16, 1966	6 1/2	16	10	6	"	S	Grey clay 4; clay gravel 50; gravelly clay 97; gravel 97; red clay 155; blue gravel shale 100. Water at 100.
Con III "	Valley Field Farms	F. Merritt	June 23, 1964	6 1/2	20	20	16	"	S	Blue clay 60; sand 120; fine gravel 129. Water at 129.
Con V "	J. Habjan	R.Schooley	Aug. 2, 1965	5	20	8	8	"	D	Clay 90; packed red sand clay 135; sand 138. Water at 138.
Con V "	O. Lambert	S. Merritt	Apr. 25, 1967	6 1/2	14	25	8	"	S	Clay 85; clay gravel 108; sand gravel 111; 124. Water at 110.
Con VII "	G. Coverdale	S. Merritt	Aug. 8, 1966	6 1/2	16	18	4	"	S	Clay 112; gravel clay 122; hardpan shale 124. Water at 124.
Con VII "	Brenzil Constr.	"	Feb. 14, 1964	6 1/2	16	15	11	"	S	Brown clay 15; blue clay 120; blue shale 122. Water at 122.
Con VII "	Valley Field Farms Ltd.	F. Merritt	Oct. 27, 1966	6 1/2	15	25	15	"	S	
Willoughby Twp.										
Con I lot 8	J. Gabor	R.Schooley	May 21, 1966	6	4	50	15	Sulphur	D, S	Blue clay 63; gravel 67. Water at 67.
Con III "	A. Gautier	"	Oct. 21, 1965	6	20	17	17	"	D, S	Blue clay 50; gravel 56. Water at 56.
Con V "	T. Stainke	F. Merritt	June 28, 1965	6 1/2	10	15	10	Fresh	D	Brown loam 30; blue clay 65; gravel clay 69; gravel shale 71. Water from 70 to 71.

WELLINGTON COUNTY  
Arthur, Village

	Vlg. of Arthur	Graham Well Drlg.	Nov. 29, 1966	10	85	235	35	Fresh	P	
Arthur Twp. Con I	lot 1 K. Ryckman	Water Well Drlg.	Aug. 6, 1966	5	15	20	12	Fresh	D, S	Dug well 14; hardpan large stones 69; grey limestone 126. Water at 125.
Con II	" 1 Ont. Dept. of Highways	G. Davidson	Mar. 8, 1966	6	6	31	22	"	P	Topsoil 1; clay boulders 30; sand gravel clay 33; clay stones 38; soft shale 43; brown hard limestone 56; broken soft limestone 68; medium hard limestone 75; brown yellow limestone shale 80. Water from 75 to 80.
Con II	" 9 J. Maas	Durham Drlg. & Enterprises Ltd.	Aug. 10, 1964	4	15	20	20	"	D, S	Open hole 27; grey sand 55; white rock 70. Water from 65 to 70.
Con II	" 10 K. Zimmerman	G. Davidson	Aug. 17, 1966	4	25	7	6	"	D, S	Topsoil 1; gravel sand 10; clay stones 24; hardpan gravel stones 67; grey rock 98; red brown shale 102; brown rock 112. Water at 112.
Con III	" 9 A. McDonald	Durham Drlg. & Enterprises	Dec. 29, 1965	4	20	25	20	"	D, S	Topsoil 2; hard stony gravel 18; hardpan 63; hard brown rock 76. Water from 65 to 75.
Con IV	" 12 A. Snyders	"	Sep. 3, 1965	4	15	20	14	"	D, S	Open hole 20; sandy clay 40; clay boulders 50; sandy clay 80; gravelly clay 100; quicksand 115; sand 125; gravel 132. Water from 120 to 132.
Con V	" 8 J. Shuh	"	Mar. 6, 1967	4	7	90	40	"	D, S	Topsoil 1; brown clay boulders 18; brown clay 55; brown hardpan 85; brown sand clay 178; brown hardpan 185; hard brown rock 320; white limestone 340. Water from 320 to 340.
Con V	" 21 A. Stokje	"	Jan. 2, 1964	4	10	20	15	"	D, S	Open hole 20; sand clay 90; clay 130; quicksand 150; clay gravel 158; grey limestone 175. Water from 170 to 174.
Con V	" 25 F. Machado	Ladco Drlg. & Exploration Co.	July 6, 1967	5	15	15	12	"	D, S	Clay rocks 210; blue rock 214. Water at 213.
Con VI	" 8 M. Elliott	G. Davidson	Oct. 22, 1965	4	4	100	40	"	D, S	Gravel boulders 20; hardpan 48; brown soft shale 60; blue soft shale 90; blue brown soft rock 112; blue grey hard rock 141. Water from 112 to 141.
Con VI	" 24 E. Reid	Water Well Drlg.	Aug. 8, 1967	5	20	52	52	"	D, S	Topsoil 3; sandy clay 67; hardpan 110; grey limestone 127; blue shale layers 128; grey limestone 212. Water at 126 and from 207 to 212.
Con VIII	" 1 T. Weidemann	Durham Drlg. & Enterprises Ltd.	Feb. 25, 1966	4	12	30	25	"	D, S	Open hole 25; grey clay 100; sand 105; gravel 108. Water from 105 to 108.
Con VIII	" 13 L. Thompson	"	July 7, 1967	4	10	65	60	"	D, S	Topsoil 3; sandy clay 40; soft grey clay 60; sand 80; hard gravelly clay 98; blue limestone 105; brown rock 136. Water from 110 to 136.
Con IX	" 17 W. Allen	"	Feb. 4, 1964	4	18	40	32	"	D, S	Open hole 10; boulders clay 30; sandy clay 60; grey clay 75; blue shale 98; hard brown rock 104. Water from 80 to 104.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Arthur Twp. - cont. Con XI Con XI Con XII Con XII OSRE OSRE OSRE OSRW OSRW	lot 2 J.Jarris	Durham Drlg. & Enterprises	May 26, 1964	4	20	40	24	Fresh	D, S	Boulders 40;sandy clay 60;yellow sand 110;grey clay 130;yellow sand 140;grey clay 155;sandy clay 157;blue shale 162. Water from 145 to 157.
		G.Davidson	Jan. 26, 1965	4	30	90	84	"	S	Sand gravel stones 45;blue clay 53;clay boulders 110;hardpan stones 144;bridging clay sand 209;brown hard clay 252;brown bridging clay 300;brown soft rock 302;hard white rock 308; grey blue rock 326. Water at 326.
	" 11 E.Shaw	Water Well Drig.	Apr. 15, 1965	4	8	58	40	"	D, S	Dug well 30;sand 40;grey clay 52;brown clay 90;hardpan gravel 137;mixed shale limestone 158. Water at 155.
	" 17 R.Wade	"	July 28, 1967	5	22	60	60	"	D, S	Topsoil 2;clay 35;hardpan 55;gravel 64;grey shale limestone mixed 161. Water from 155 to 160.
	lot 3 L. Francis	Water Well Drig.	Apr. 1, 1966	5	10	60	60	Fresh	D, S	Back fill 10;hardpan 70;gravel clay mixed 120;loose brown limestone 125;grey crumbly shale 134;grey limestone 194. Water at 190.
	" 8 B. Scott	G. Davidson	Dec. 8, 1964	4	25	45	35	"	D, S	Topsoil sandy clay 4;brown clay 12;clay sand gravel 35;gravel coarse stones 87;hardpan 129;blue shale 138;bluish brown soft hard rock 157. Water from 147 to 157.
	" 11 K. Brown	"	Nov. 10, 1964	4	10	47	28	"	D, S	Topsoil 3;hardpan stones sandy gravel 94;blue shale 103; blue rock 115;blue brown soft shale limestone 140. Water from 135 to 140.
	" 4 J. Weidemann	Durham Drlg. & Enterprises	July 16, 1965	4	15	44	24	"	D, S	Topsoil 2; hardpan boulders 22;sandy clay 70;boulders clay 130; brown rock 143. Water from 135 to 142.
	" 31 S. Sharpe	"	Oct. 12, 1964	4	15	35	28	"	D, S	Open hole 22;soft grey clay 100;sandy clay 150;quicksand 180;fine grey sand 200;soft shale 205;fine gravel 212. Water from 205 to 212.
Clifford, Village	Vlg. Clifford	International Water Supply Ltd.	Apr. 10, 1964	10	150	82	31	Sulphur	P	Gravel fill 2;sandy clay gravel 28;sandy clay gravel streaks cemented 90;soft sandy clay 106;clay gravel 118;shale streaks brown limestone 132;brown limestone streaks grey shale 175; grey shale 179. Water at 155.
	C.Eisman	E.Keeso	May 8, 1967	5	200	15	5	Fresh	C	Clay stones 12;hardpan boulders 101;brown shale 123;brown limestone 164. Water from 162 to 164.
Drayton, Village	L.McIntosh	G.Davidson	Sep. 1, 1965	4	12	30	21	Fresh	D	Topsoil 1;blue clay 11;sand 25;blue clay 73;clay sand gravel 105;hardpan sand gravel 138;shale 157;grey rock 165. Water at 165.
	H.Bell	"	June 4, 1965	4	12	40	38	"	D	Topsoil 2;clay stones 75;hardpan clay stones 101;sand gravel stones 124;clay stones 130;sand stony hardpan 161;clay sand hardpan 240;clay shale 279;brown rock 295. Water at 295.
	"	"	Aug. 22, 1967	4	10	90	82	"	D	Topsoil 1;clay stones 19;hardpan 48;quicksand 75;blue soft clay 110;loose brown soft rock 128;blue soft shale 160. Water at 160.
	W.Bos	"								



WELLINGTON COUNTY - cont.  
Drayton, Village - cont.

Vlg. of Drayton		McLaughlin Water Wells & Supply	June 5, 1967	10	200	17	Flows	Fresh	P		
Elora, Village	J. Moir	C. Hill	July 16, 1965	4	10	65	18	Fresh	D		
	C. Norton	J. Cudney	July 27, 1966	4	10	80	60	"	D		
	H. Packull	"	Nov. 11, 1966	4	7	60	37	"	D		
Eramosa Twp.	lot 1	E. Millson	May 27, 1967	4	15	5	5	Fresh	D		
	Con I	P. Olkusz	Dec. 9, 1965	4 1/2	7	30	11	"	D, S		
	" 5	"	Apr. 4, 1964	4	12	81	50	"	D		
	Con I	P. Curtis	Oct. 27, 1966	4	45	26	26	"	D		
	Con I	E. Hill	Mar. 28, 1967	4	10	45	14	"	D		
	" 13	G. Wurr	July 14, 1967	4	5	60	20	"	D		
	Con I	G. Parkinson		4				"	D		
	" 19	"		4				"	D		
	Con I	"		4				"	D		
	" 25	Pronge Pump	June 15, 1965	8	60	35	19	"	C		
	Con I	Service						"	C		
	" 32	R. Mulder	May 8, 1966	4 1/2	7	80	66	"	D		
	Con I	"	Dec. 31, 1964	4	7	35	30	"	D		
	Con II	R. Bell		4				"	D		
	" 1	"	July 30, 1964	4 1/2	15	10	6	"	D		
	Con II	H. Schelke		4	10	33	30	"	D		
	" 1	Dr. Schavo	Sep. 23, 1964	4				"	D		
	Con II	Graham Well Drlg.						"	D		
	" 1	J. & J. Sprowl	Aug. 31, 1966	4	20	20	12	"	P		
	Con II	Eden Mills		4				"	P		
	" 2	Community Hall	Feb. 14, 1964	4 1/2	10	90	85	"	D		
	Con II	J. Ruiter						"	D		
	" 2	A. Lord	Sep. 16, 1966	4	15	15	10	"	D		
	Con II	L. Rubman	Feb. 18, 1964	4 1/2	5	123	123	"	D		
	" 2	"						"	D		
	Con II	"						"	D		
	" 3	K. Kloepper	May 16, 1966	5	15	20	13	"	D		
	Con II	J. Sprowl	Jan. 21, 1966	4 1/2	3	79	10	"	D		

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WELLINGTON COUNTY - cont.										
Eramosa Twp. - cont.										
Con II	T. Martini	A. Earley	June 13, 1966	4	15	30	20	Fresh	D	Stones gravel 20; dark brown rock 52. Water at 59.
Con II	I. Wallace	"	Dec. 15, 1966	4	10	15	8	"	D	Clay stones 6; brown rock 48; grey rock 50. Water at 31 and 48.
Con II	N. Martini	"	Aug. 25, 1967	4	12	35	25	"	D	Sand 12; brown rock 50. Water at 40 and 50.
Con II	B. Anderson	C. Hill	Oct. 18, 1967	4	5	65	6	"	D	Gravelly clay 10; hard brown rock 85. Water at 85.
Con II	P. Dudnick	A. Earley	Apr. 16, 1966	4	10	20	15	"	D	Topsoil 1; sandy brown clay stones 3; brown rock 44. Water at 32 and 42.
Con II	J. Steinkacker	C. Hill	Sep. 23, 1965	4	10	22	22	"	D	Very stony clay 8; brown rock 57. Water at 57.
Con II	C. Leeman	Graham Well Drig.	Feb. 16, 1964	5	10	15	6	"	D	Stones brown clay 12; light brown limestone 65; black limestone 77. Water at 77.
Con II	B. Dorgelooos	"	Aug. 9, 1965	4 1/2	10	40	17	"	D	Gravel stones 45; hard packed sand 64; dark grey stone 90; black stones 94. Water at 92.
Con II	A. McQuinn	"	Aug. 13, 1965	4 1/2	10	60	43	"	D	Clay stones boulders 75; brown stone 114; black stone 117. Water at 116.
Con II	B. Miller	"	Dec. 19, 1966	4	10	30	14	"	D	Brown clay stones 28; brown clay gravel 67; brown rock 83; dark brown rock 97. Water at 90.
Con II	F. Milson	J. Cudney	Sep. 29, 1967	4	5	60	22	"	D	Stony clay 73; hard black limestone 100. Water at 100.
Con II	C. Oakes	C. Hill	June 13, 1966	4	10	65	35	"	D, S	Clay gravel mixed 57; grey limestone 110; hard brown rock 122. Water at 122.
Con II	W. Bulzer	"	Nov. 18, 1964	4	10	60	18	"	D	Clay 31; grey limestone 84. Water at 84.
Con II	R. Martin	Graham Well Drig.	May 5, 1966	4 1/2	8	85	60	"	D, S	Topsoil 1; brown clay stones 55; grey clay 75; broken light brown rock clay 90; light brown rock 180; light grey rock 200. Water from 140 to 198.
Con II	G. Cox	C. Hill	Sep. 12, 1967	4	8	65	32	"	D	Clay stones 30; hard cemented gravel 76; grey limestone 131. Water at 131.
Con II	N. Rezytle	J. Cudney	Oct. 6, 1964	4 1/2	10	40	23	"	D	Clay 45; grey limestone 140. Water at 140.
Con III	A. Stumpe	A. Earley	Apr. 10, 1965	4	12	30	25	"	D	Black soil 4; brown hard rock 44; brown limestone 43; blue rock 61; grey rock 78. Water at 46, 63 and 78.
Con III	S. Austin	Graham Well Drig.	Aug. 20, 1965	4 1/2	10	45	31	"	D	Topsoil 1; light brown rock 40; light grey rock 48; yellow rock 51. Water at 50.
Con III	W. Rendell	Hedco Well Drilling Ltd.	June 12, 1965	30	60		65	"	D	Clay 25; clay boulders 65; sand 72; sandy clay 73. Water from 65 to 72.
Con III	C. Martin	Hedco Drig.	Sep. 26, 1967	4	15	90	88	"	D	Clay rocks 105; brown limestone 140; black rock 175; grey rock 210; white grey limestone 258. Water at 230 and 250.
Con III	N. Brydges	C. Hill	May 30, 1964	4	11	70	30	"	D	Clay 19; grey limestone 65; hard flint 119. Water at 119.
Con III	B. Hopkins	"	Sep. 19, 1967	4	12	20	8	Sulphur	D	Clay 29; hard black rock 70. Water at 70.
Con III	C. Patterson	A. Earley	Sep. 24, 1966	4	10	80	33	Fresh	D	Clay stones 43; limestone 92; dark brown rock 102. Water at 53, 92 and 101.
Con III	G. Storey	Hedco Drig.	Jan. 4, 1964	4	10	40	35	"	D, S	Brown clay rocks 45; grey limestone 85; black rock 132; dark grey limestone 147. Water from 140 to 145.
Con III	A. Pourie	Graham Well Drig.	July 14, 1964	4 1/2	15	30	20	"	D, S	Dug well 27; grey limestone 66; brown limestone 115; dark brown limestone 124; black rock 154. Water at 150.
Con III	A. Cook	J. Cudney	June 12, 1967	4 1/2	8	80		"	S	Stony clay 18; hard brown limestone 150. Water at 150.
Con III	E. Wheeler	"	May 27, 1965	4 1/2	10	45	12	"	S	Topsoil 4; grey limestone 70; brown limestone 80. Water at 80.
Con IV	E. Tosh	J. Sprowl	Feb. 4, 1965	4 1/2	15	35	32	"	S	Huge boulders gravel 31; dark blue limestone 121; blue grey limestone mixture 140. Water at 72, 75, 89, 93, 121 and 135.
Con IV	J. Wendorf	Graham Well Drig.	May 25, 1967	4	10	30	23	"	D	Topsoil 2; brown clay stones 28; brown rock 34; dark grey rock 73; light grey rock 80. Water from 73 to 80.

WELLINGTON COUNTY - cont.

Con IV	Eramosa Twp. - cont.	lot 4	L.Hilts	C.Hill	Dec.18,1964	4	10	60	40	Fresh	D	
Con IV	"	"	"	"	Oct. 5,1965	4	6	60	30	"	D	Sandy clay 10;rough gravel large stones 30;clay 40;black rock 96. Water at 96.
Con IV	"	4	M.Crumb	Hadco Well Digging Ltd.	June15,1967	5	6	65	40	"	D	Clay 40;brown rock 96. Water at 96.
Con IV	"	4	G.Baldwin	A.Earley	Sep.19,1967	4	10	30	20	"	D	Topsoil 1;sandy clay 14;fine gravel 22;blue clay stones 33; brown rock 55;blue rock 70.
Con IV	"	4	L.Hilts	"	Nov.24,1967	4	10	60	35	"	D	Boulder gravel 28;rock 50;grey rock 61. Water at 55 and 61.
Con IV	"	5	Grand Valley Conservation Authority	Graham Drlg.	May 15,1964	5	30	70	45	"	P	Stones clay 25;sand 27;gravel clay 34;limestone 50;blue rock 76. Water at 50 and 76.
Con IV	"	5	ONRC	G.Hart & Sons	Dec. 1,1967	10	50	100	60	"	P	Gravel stones 15;brown limestone 65;grey limestone 130;black rock 142;white limestone 206;grey shale 207. Water from 160 to 205.
Con IV	"	5	Free Force Investments	C. Hill	May 23,1967	4	10	42	40	"	P	Brown topsoil 3;brown clay boulders 15;limestone 210. Water at 77 and 190.
Con IV	"	5	Presbyterian Church	"	Feb.11,1965	4	10	40	37	"	P	Grey limestone 127. Water at 127.
Con IV	"	5	K.Murray	Ledco Drlg.	May 25,1965	4	5	50	30	"	D	Fill boulders 10;hard grey limestone 77. Water at 77.
Con IV	"	5	C.McInnis	C.Hill	Nov.18,1965	4	3	100	50	"	D	Clay rocks 8;light grey limestone 105. Water at 40 and 100.
Con IV	"	5	W.Craig	"	Feb.17,1966	4	7	100	51	"	D	Clay streaks gravel 21;grey blue rock 152. Water at 152.
Con IV	"	5	N.Anderson	"	Feb.26,1966	4	10	60	30	"	D	Clay 2;grey limestone 138. Water at 138.
Con IV	"	5	Eramosa Re-creation Centre	"	May 27,1966	5	10	125	70	"	P	Dug well 10;grey rock 96. Water at 96.
Con IV	"	5	Eramosa Twp School Board	Graham Well Drlg.	July20,1966	8½	15	150	60	"	P	Fill clay 12;grey limestone 175. Water at 175.
Con IV	"	5	J.Sargent	J.&J. Sprowl	Oct.14,1966	4	5	50	40	"	D	Brown clay stones 16;brown rock clay 27;brown rock 44;grey rock 113;bluish grey rock 198;blue shale 202. Water at 125 and 190.
Con IV	"	5	R.Pacey	C.Hill	May 13,1967	4	9	75	55	"	D	Sand 4;dark brown limestone 25;light grey limestone 90;dark blue limestone 102. Water at 45 and 98.
Con IV	"	5	E.Perguson	"	Aug.17,1967	4	9	75	40	"	D	Gravelly clay 5;grey limestone 85. Water at 85.
Con IV	"	5	N.Brain	A.Earley	Nov.18,1967	4	3	80	40	"	D	Very stony gravel 9;grey rock 82. Water at 82.
Con IV	"	6	OWEC	G.Hart & Sons	Dec. 1,1967	10	200	40	12	"	P	Limestone 60;blue rock 90. Water at 60 and 90.
Con IV	"	6	F.Taylor	Ladco Drlg. & Exploration Co.	May 21,1965	4	8	50	35	"	D	Brown topsoil 2;pea gravel 20;limestone dolomite 198. Water at 44 and between 96 and 180.
Con IV	"	7	J.Goeyers	J.Sprowl	Feb. 1,1964	4	5	35	29	"	D	Clay rocks 6;light grey limestone 60;dark grey limestone 100; light grey limestone 130. Water at 55 and 145.
Con IV	"	7	W.Ritchie	C.Hill	June27,1964	4	12	35	17	"	D	Old drilled well 72;grey limestone 99. Water at 95.
Con IV	"	7	G.Thompson	"	June 4,1966	4	15	20	20	"	D	Clay 10;grey limestone 97. Water at 97.
Con IV	"	9	R.Tait	Graham Well Drlg.	Sep.15,1967	4	8	130	45	"	D	Clay gravel streaks 28;grey limestone 100. Water at 100.
Con IV	"	10	"	"	Jan. 7,1964	4	5	60	35	"	D,S	Topsoil 2;brown clay stones 25;brown clay gravel 224;light brown rock 230;dark brown rock 245. Water at 245.
Con IV	"	10	"	"	"	"	"	"	"	"	"	Brown clay rocks 20;grey clay rocks sand layers 60;brown limestone 100;black rock 130;grey rock 145;light blue limestone 178. Water from 145 to 178.
Con IV	"	13	H.Batchelor	A.Earley	July20,1967	4	6	60	35	"	D	Sand stones clay 70;brown rock 75.
Con IV	"	13	J.Allan	C.Hill	Jan.11,1965	4	20	25	8	"	Ir	Soft clay gravel 42;hard brown rock 68. Water at 68.
Con IV	"	13	W.Hatch	"	Sep.29,1965	4	9	45	8	"	D,S	Clay 8;brown limestone 45;hard brown rock 69. Water at 69.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Eramosa Twp. - cont.										
Con IV	lot13 M.Oliver	Graham Well Drlg.	July 28, 1966	4	10	55	20	Fresh	D	Brown clay big stones 12; brown clay gravel sand 37; light brown rock 97. Water at 50.
Con IV	" 16 H. Buterhuus	C.Hill	Dec. 31, 1966	4	10	60	20	"	D	Sandy clay 29; grey limestone 92. Water at 92.
Con IV	" 25 M. Smeltzer	J. Cudney	Sep. 17, 1964	4 1/4	8	40	27	"	D	Sand 20; clay stone 70; grey limestone 128. Water at 128.
Con IV	" 26 J. McCormick	Ladco Drlg.	Sep. 16, 1964	4	8	65	45	"	D	Sand 25; clay stones 84; grey limestone 92; white limestone 168. Water at 130 and 165.
Con V	" 1 OWEC River Basin Research	F. Johnston	Mar. 17, 1966	5	43	21	5	"	T	Fine brown sand silt 10; damp dark brown fine sand 16; fine brown sand silt 26; sand gravel 29; bedrock 31. Water from 26 to 29.
Con V	" 1	"	May 2, 1966	1 1/2			11	"	T	Fine brown sand silt 10; dark brown fine sand 26; sand gravel 29; bedrock 51. Water from 26 to 29 and from 50 to 51.
Con V	" 4 R. Barclay	C.Hill	Oct. 8, 1966	4	5	65	20	"	D	Very stony gravelly clay 10; grey limestone 96. Water at 96.
Con V	" 4 I. Korn	"	Apr. 20, 1967	4	10	60	20	"	D	Fill sand 8; clay 16; grey limestone 104. Water at 104.
Con V	" 5 Mall End Store	"	Nov. 4, 1966	4	10	70	30	"	C	Stony clay 5; black flint rock 30; dark blue hard lime- stone 60; dark grey limestone 77. Water at 30 and 78.
Con V	" 6 S. DeVries	J. Sprowl	Sep. 30, 1965	4 1/4	10	20	15	"	D	Stony clay 5; hard stony gravel 4; grey limestone 126. Water at 126.
Con V	" 6 G. Hutt	C.Hill	Apr. 12, 1966	4	10	30	18	"	D	Clay 5; hard stony gravel 10; grey limestone 126. Water at 55.
Con V	" 6 R. Gladen	"	Aug. 13, 1966	4	12	20	8	"	D	Clay 5; hard stony gravel 10; grey limestone 126. Water at 55.
Con V	" 6 A. Croft	"	Oct. 1, 1966	4	5	50	20	"	D	Stony gravel 12; grey rock 90. Water at 90.
Con V	" 8 Gray Poultry Farms	Ladco Drlg.	July 1, 1966	6	15	90	70	"	D, S	Clay rocks 110; grey limestone 262. Water at 258.
Con V	" 9 J. Thomson	Graham Well Drlg.	Nov. 6, 1967	4	15	83	73	"	D, S	Topsoil 2; brown clay stones 65; brown clay gravel 128; dark brown rock 140; light brown rock 188. Water at 185.
Con V	" 6 T. Gird	C.Hill	Aug. 3, 1965	4	10	40	40	"	D	Rough gravel 30; clay 50; gravel 46; black shale 60; grey lime- stone 131. Water at 130.
Con V	" 11 M. Elsdon	"	Jan. 11, 1967	4	20	40	20	"	D, S	Sandy clay 35; grey limestone 132. Water at 132.
Con V	" 12 B. Robinson	Graham Well Drlg.	Apr. 19, 1966	5	15	40	19	"	D	Topsoil 1; fine brown sand 20; soft blue clay 40; blue clay gravel 60; brown limestone 100; black grey limestone 140; blue limestone 169. Water from 130 to 167.
Con V	" 14 J. Derrett	C.Hill	Jan. 20, 1965	4	10	50	6	"	D	Soft clay 5; hard grey rock 61. Water at 61.
Con V	" 21 G. Harwood	Ladco Drlg.	Nov. 24, 1965	4	8	65	38	"	D, S	Clay sand layers 50; clay 75; gravel loose rock 87; limestone 130. Water at 127.
Con V	" 21 D. Whyllie	Graham Well Drlg.	Aug. 31, 1965	4 1/2	15	20	6	"	D	Clay gravel boulders 18; clay gravel 22; light grey stone 40; light grey stone 40; brown stone 72; dark brown stone 81. Water at 78.
Con V	" 22 Eramosa Twp. School	Ladco Drlg. & Exploration Co	May 19, 1964	5	30	75	50	"	F	Clay rocks 78; light grey rock 160; dark grey rock 210; brown rock 220. Water from 150 to 160 and from 214 to 218.
Con VI	" 13 J. Stewart	Graham Well Drlg.	Feb. 5, 1964	5	10	80	48	"	D, S	Clay stones 56; soft stony clay 60; heavy boulders 65; brown limestone 92; light grey limestone 186; medium grey limestone 200. Water from 190 to 198.
Con VI	" 16 W. Wells	C.Hill	June 2, 1967	4	7	80	20	"	D, S	Sandy clay 43; grey limestone 134. Water at 134.
Con VI	" 16 G. Mack	Ladco Drlg.	Jan. 27, 1964	4	5	50	40	"	D, S	Brown clay rocks 25; grey clay rock 52; brown limestone 170; blue limestone 198. Water from 195 to 197.
Con VII	" 19 K. Garbotz	C.Hill	May 16, 1966	4	10	85	80	"	D, S	Clay 122; brown broken rock 147. Water at 147.
Con VII	" 11 P. Lillie	J. Cudney	Apr. 16, 1964	4 1/4	7	50	9	"	D	Clay 5; grey limestone 92. Water at 92.
Con VII	" 11 K. Kiernan	"	Apr. 27, 1964	4 1/4	7	75	34	"	D	Clay 4; grey limestone 100. Water at 100.
Con VII	" 12 A. Parker	C.Hill	June 4, 1964	4	10	60	5	"	D	Clay 4; shale 15; grey limestone 85. Water at 85.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
WELLINGTON COUNTY - cont.										
Erin Twp. - cont.										
Con II lot11	P.Oschibald	J.O'Rourke	Oct.11,1965	5	7	69	20	Fresh	D,S	Brown sand loam 3;coarse stone gravel 53;limestone 70. Water from 60 to 69.
Con II	D.Dakin	Graham Well Drlg.	Mar.25,1964	4½	10	40	8	"	D	Dug well 10;brown clay gravel 27;light brown rock 65;dark brown rock 80. Water at 80.
Con II	" 14 Erin Twp School Board	Ladeco Drlg.	June26,1964	5	20	95	87	"	P	Brown clay rocks 20;sand 32;grey clay rocks 117;brown limestone 160;dark grey limestone 200;light grey limestone 250; white limestone 270. Water from 155 to 160 and from 255 to 270.
Con II	" 14 N.Hendrick	Graham Well Drlg.	Oct.1,1965	4½	15	80	43	"	D,S	Topsoil 1;brown clay 12;grey clay 80;grey clay gravel 106; Brown rock 113. Water at 113.
Con II	" 14 L.Buck	J.O'Rourke	Mar.18,1966	7	12	80	27	"	D	Blue clay 40;sandy gravel 82;bedrock 109. Water at 90.
Con III	" 1 J.Luverink	"	Sep.30,1967	5				"		Grey clay boulders 49;limestone 57;grey fine sand 78;limestone 130. Dry hole.
Con III	" 1	"	Oct. 8,1967	5	15	33	30	"	D	Brown sandy gravel 40;hardpan 60;broken limestone 89. Water at 89.
Con III	" 1 L.Swackhammer	Graham Well Drlg.	Oct.30,1967	5	15	100	75	"	D	Brown clay stones 115;dark brown rock 155;dark grey rock 167. Water at 160.
Con III	" 14 J.Moore	"	Mar.21,1966	4	10	20	12	"	D	Topsoil 2;brown clay stones 17;light brown rock 73;dark brown rock 82. Water at 82.
Con III	" 14 D.Robertson	Ladeco Drlg.& Exploration Co.	July 9,1966	4	7	80	36	"	D	Clay boulders 75;light grey limestone 100;brown limestone 170. Water from 120 to 168.
Con III	" 14 G.Grundy	Graham Well Drlg.	Feb. 9,1967	4	10	60	52	"	D	Brown clay stones 28;brown clay gravel 35;brown boulders clay 85;brown clay gravel 98;light brown rock 140;dark brown rock 163. Water at 155.
Con III	" 15 W.Mann	Ladeco Drlg. & Exploration Co.	July20,1964	5	50	20	20	"	D,S	Clay rocks 28;brown limestone 75;black rock 90;grey rock 118. Water at 115.
Con III	" 17 B.Strandholt	"	Sep.14,1964	4	8	60	45	"	D,S	Gravel stones 10;clay stones 92;brown limestone 135;grey hard limestone 210;white limestone 235. Water at 120 and 235.
Con III	" 17 R.Poupore	Graham Well Drlg.	Mar.29,1965	4½	10	97	70	"	D	Clay stones 70;clay fine sand 100;hard packed sand 107;dark brown rock 168;black brown rock 185;dark grey rock 191. Water from 185 to 191.
Con III	" 21 A.Hawksley	Ladeco Drlg.& Exploration Co.	Sep.10,1966	4	5	40	32	"	D,S	Clay gravel layers 4;clay boulders 63;brown limestone 74;grey limestone 105;black limestone 115;grey limestone 125. Water from 115 to 125.
Con IV	" 3 L.Baillie	J.O'Rourke	Oct.16,1965	5	10	50	12	"	D	Dug well 40;quicksand 80;blue clay 100;limestone 112. Water at 108.
Con IV	" 4 OMRC-River Basin Research	F.Johnston Drlg.	Apr.27,1966	1½			85	"	T	Previously drilled 105;fine gravel 107;coarse gravel 110;fine gravel 118;buff stony till 126;coarse sand fine gravel 128; fine medium gravel 132;medium coarse gravel 138;coarse sand fine gravel 145;brown limestone bedrock sand 160;bedrock 169. Water from 93 to 105,105 to 118,126 to 145 and 166 to 169.
Con IV	" 4	"	Mar.23,1966	7			45	Fresh	T	Stony till gravel 15;silty stony till 30;fine brown silty sand stones 35;grey silty stony till 60;buff stony clay till 70; stony buff till 93;coarse sand fine gravel 96;fine medium gravel 100;fine medium sand 105. Water from 93 to 105.
Con IV	" 6 L.Thompson	J.O'Rourke	Jan. 7,1964	7	10	75	40	"	D,S	Dug well 40;blue clay stone 64;limestone 61. Water at 76.



WELLINGTON COUNTY - cont.  
Erin Twp. - cont.

Con IV	lot 9 H. McArthur	Graham Well Drlg.	Aug. 27, 1965	4 1/2	10	65	58	Fresh	D, S	Old dug well 56; fine sand clay 68; hard packed sand 80; grey rock 97; brown rock 128; dark brown rock 133. Water at 130.
Con IV	" 10 A. Cox	"	Dec. 16, 1964	5	8	75	45	"	D, S	Old dug well 52; brown gravel 76; stones 85; brown sand 149; grey sand gravel 182; brown sand gravel 185. Water at 185.
Con IV	" 14 M. Litch	Ladco Drlg.	Feb. 19, 1964	4	6	45	35	"	D, S	Brown clay rocks 55; brown limestone 105. Water from 95 to 100.
Con IV	" 14 J. Ferguson	"	July 16, 1964	4	10	47	40	"	C	Gravel 35; grey clay rocks 58; brown rock 105; black rock 135; light grey rock 174. Water at 170.
Con IV	" 17 H. Ferguson	Hadco Well Drlg.	May 15, 1967	5	10	30	Flows	"	D	Topsoil 1; clay 3; sand gravel 20; sand 23; clay stones 25; gravel 36; brown limestone. Water at 36.
Con IV	" 22 A. Minshall	Ladco Drlg. & Explorations Co.	Oct. 8, 1965	5	30	16	8	"	D	Brown clay stones 7; light grey limestone 110. Water at 50 and 105.
Con IV	" 25 J. Schut	"	Oct. 2, 1967	4	10	35	32	"	D, S	Clay 8; sand clay layers 50; clay rocks 96; light grey limestone 110. Water at 108.
Con IV	" 26 A. Thomas	"	Sep. 7, 1966	4	10	25	20	"	D, S	Clay boulders 90; brown limestone 102. Water at 101.
Con IV	" 29 J. McNeill	A. Earley	Sep. 12, 1967	4	13	40	5	"	D	Sand, clay 20; sand 80; soft clay 103; blue rock 149. Water at 125, 143 and 149.
Con IV	" 30 A. Peterson	Ladco Drlg. & Exploration Co.	Apr. 19, 1966	4	20	15	7	"	D, S	Clay stones 65; sandy gravel 90; clay stones 110; light grey limestone 121. Water at 120.
Con IV	" 30 W. Wong	"	Apr. 27, 1966	4	10	41	39	"	D, S	Gravel sand 25; sand 60; grey clay rocks 155; loose limestone 160; light grey limestone 240. Water from 230 to 240.
Con V	" 5 O'Brien	"	Nov. 29, 1967	4	5	75	52	"	D	Clay Gravel stones 112; clay rocks 129; light grey limestone 150. Water at 145.
Con V	" 7 P. McDonald	Graham Well Drlg.	Mar. 2, 1967	5	10	40	12	"	D	Gravel boulders 43; clay gravel 71; sand gravel 75; gravel 77. Water at 77.
Con V	" 13 H. Griffin	"	July 24, 1967	4	10	80	30	"	D	Clay stones 6; fine sand brown clay 40; grey stones 77; dark brown black limestone 145; brown limestone 150. Water at 145.
Con V	" 21 J. Green	Ladco Drlg. & Exploration Co.	Oct. 5, 1965	4	10	70	65	Sulphur	D, S	Sand 60; grey clay rocks 128; brown limestone 185; grey limestone 200. Water at 193.
Con V	" 22 J. Wilson	"	Oct. 29, 1966	4	10	65	55	Fresh	D	Sand 10; grey clay stones 55; sandy clay 100; grey clay stones 105; brown limestone 140. Water at 138.
Con V	" 22 "	"	Nov. 14, 1966	4	8	50	35	"	D	Clay rocks 89; brown limestone 150. Water at 149.
Con V	" 24 T. Long	"	June 2, 1966	4	10	40	25	"	D	Gravel boulders 25; clay stones 60; light brown limestone 80; grey limestone 85; brown limestone 137. Water at 135.
Con V	" 25 A. Hsida	"	Apr. 30, 1964	4	8	55	50	"	D, S	Clay rocks 90; light grey rock 150. Water from 142 to 147.
Con V	" 25 W. Barford	"	Aug. 1, 1964	4	10	30	15	"	D	Sandy clay 4; gravel stones 54; clay rocks 65; white limestone 98; brown rock 105. Water from 98 to 105.
Con V	" 1 P. Spear	J. Sprowl	Jan. 17, 1964	4 1/2	8	24	17	"	S	Clay sand 10; gravel clay boulders 39; dark brown rock 72; dark grey limestone 82. Water at 65 and 81.
Con VI	" 1 K. Thomson	"	Sep. 5, 1964	4 1/2	20	25	16	"	D	Clay gravel 10; gravel sand clay mixture 30; coarse gravel stones 42; dark grey limestone 83. Water at 55 and 82.
Con VI	" 6 Silver Spur Rec. Co. Ltd.	K. McClue	June 23, 1965	5	6	35	22	"	P	Topsoil 1; brown sand boulders 25; gravel fine coarse stones 111, Water at 80 and 111.
Con VI	" 7 J. Bishop	Ladco Drlg. & Exploration Co.	Aug. 22, 1967	4	6	50	40	"	D	Clay rocks 138; brown limestone 150. Water at 147.
Con VI	" 11 J. Delaney	"	Nov. 9, 1964	4	10	52	50	"	D, S	Sand 200; grey clay rocks 240. Water at 240.
Con VI	" 14 E. Baile	Water Well Drlg.	Oct. 7, 1964	5	20	55	50	"	D	Boulders 20; hardpan 50; brown limestone 100; grey limestone 212. Water at 212.
Con VI	" 16 N. Swackhammer	Ladco Drlg. & Exploration Co.	July 14, 1966	5	10	39	39	"	D	Sand gravel layers 50; clay stones 58; brown limestone 63. Water at 65.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST B.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Digits to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Erin Twp. - cont.										
Con VI	lot 24 R. Walnd	Ladco Drlg. & Exploration Co.	Sep. 5, 1964	4	10	45	25	Fresh	D	Gravel stones sand 25; clay rocks 62; grey limestone 75. Water at 75.
Con VI	" 24 J. Abell	"	Oct. 18, 1965	4	10	95	90	"	D, S	Sand 15; grey clay rocks 110; grey limestone 115. Water at 114.
Con VI	" 24 J. Able	"	Aug. 22, 1966	4	10	63	62	"	D	Sand 10; clay sand layers 60; clay boulders 88; brown limestone 90. Water at 92.
Con VI	" 29 J. Gállies	Ladco Drlg.	Nov. 29, 1965	4	10	75	75	"	D, S	Gravel 12; sand clay layers 120; clay stones 165; boulders clay 187; limestone 210. Water at 208.
Con VI	" 31 J. McCauseland	"	Dec. 24, 1965	4	10	120	115	"	D, S	Sand clay layers 150; grey clay stones 208; light grey limestone 230; brown limestone 300. Water from 290 to 296.
Con VII	" 1 J. Zions Contr.	J. Sprawl	Mar. 1, 1966	4½	5	30	20	"	D	Clay gravel 7; grey limestone 71. Water at 40, 65 and 70.
Con VII	" 1 C. Swindlenhurst	J. O'Rourke	Oct. 11, 1966	5	5	50	2	"	D	Brown sand 4; limestone 54. Water at 32.
Con VII	" 1 The United Church Wansle	J. Sprawl	May 19, 1966	4	15	25	22½	"	D	Clay gravel 8; layers topsoil rock 20; bluish limestone 46; hard blue grey limestone 105; white grey limestone 121. Water at 45, 75, 105 and 118.
Con VII	" 1 J. Major	Ladco Drlg. & Exploration Co.	Aug. 26, 1967	4½	10	22	18	"	D	Clay 3; light grey limestone 120. Water at 115.
Con VII	" 3 G. Campbell	"	July 22, 1964	4	12	40	12	"	D	Brown clay rocks layers gravel 86; bluish white rock 150; white limestone 190. Water from 180 to 190.
Con VII	" 10 R. Weston	"	June 20, 1964	4	8	94	85	"	D	Gravel rocks 24; sandy clay 50; clay rocks 133; light brown limestone 165. Water from 160 to 162.
Con VII	" 13 G. Poster	"	Apr. 22, 1966	4	5	45	30	"	D	Clay stones 20; grey limestone 110. Water from 105 to 110.
Con VII	" 13 H. Peavoy	J. & J. Sprawl	Nov. 22, 1966	4	4½	70	35	"	D	Heavy gravel 40; blue clay gravel 50; dark brown rock 81. Water at 63, 75 and 78.
Con VII	" 13 E. McLennan	Ladco Drlg.	Sep. 9, 1967	4	15	25	17	"	D	Gravel rock clay layers 41; limestone clay layers 51; dark grey rock 85; white limestone 92. Water at 55 and 90.
Con VII	" 15 D. Bell	"	May 8, 1965	4	8	150	145	"	D	Sand 150; grey clay rocks 202; dark grey limestone 225; light grey limestone 315. Water at 230 and 310.
Con VII	" 18 K. Reilly	Graham Well Drlg.	Nov. 18, 1964	4½	10	60	35	"	D, S	Old dug well 24; dark brown clay gravel 43; brown sand 73; brown sand clay 118; light brown clay stones 122; brown gravel 163; grey rock 166. Water from 145 to 166.
Con VII	" 22 J. Taylor	"	May 15, 1966	5	10	40	10	"	P	Pine brown sand 28; brown gravel 34; fine sand grey clay 52; light brown rock 97; dark brown rock 116; dark grey rock 130. Water at 130.
Con VII	" 24 J. VanZalen	Ladco Drlg.	Mar. 22, 1966	4	5	50	30	"	D	Gravel sand 65; brown limestone 130. Water at 128.
Con VII	" 24 K. McKinnon	"	Aug. 5, 1966	4	7	32	25	"	D	Gravel boulders 40; fine gravel 57; brown limestone 75. Water at 74.
Con VII	" 29 B. Parke	"	June 2, 1967	4	10	87	87	"	D, S	Sand clay layers 115; clay boulders 190; grey limestone 200. Water at 199.
Con VII	" 30 J. Barnes	"	Mar. 31, 1966	4	7	90	80	"	S	Sand clay layers 80; gravel 100; sand clay layers 160; clay stones 175; grey limestone 230; brown limestone 270. Water at 260.
Con VIII	" 1 G. Logan	J. O'Rourke	Oct. 5, 1966	5	15	50	17	"	D	Brown sandy gravel 28; limestone 60. Water from 40 to 57.
Con VIII	" 1 L. Drysdale	Ladco Drlg. & Exploration Co.	Oct. 30, 1964	4	10	25	15	"	D	Brown clay rocks 7; grey limestone 84. Water at 80.
Con VIII	" 4 V. Piron	"	May 15, 1964	4	10	24	20	"	D	Clay gravel layers 80; blue white limestone 93. Water from 88 to 90.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Erin Twp. - cont.										
Con IX	Lot 14 C. Chambers	Ladco Drlg.	July 22, 1967	4	10	35	18	Fresh	D	Sand 45; grey clay rocks 97; limestone 146. Water from 105 to 146.
Con IX	" 19. J. Hogart	S. McCauley	Dec. 2, 1965	7	12	22	11	"	D, S	Dug well 20; fine sand 48; fine gravel 62; coarse gravel 85. Water from 42 to 85.
Con IX	" 20. J. Szostakowski	C. Smith	Nov. 20, 1964	4	7	82	78	"	D	Filled well 42; clay boulders 85; gravelly clay 100; gravel 102. Water from 95 to 102.
Con IX	" 21. L. Tliffe	Ladco Drlg. & Exploration Co.	June 15, 1965	4	10	50	20	"	D	Brown clay rocks 6; clay gravel stones 65; light grey limestone 120; blue white limestone 135. Water at 40 and 130.
Con IX	" 22. A. Profit	"	Dec. 29, 1964	4	10	130	120	"	D, S	Brown clay rocks 12; grey clay rocks 30; sand 60; grey clay rocks 170; dark grey limestone 230; light grey limestone 304. Water from 290 to 300.
Con IX	" 20. A. Smith	"	Oct. 20, 1967	4	10	90	82	"	D, S	Sand 10; clay rocks 160; broken limestone 164. Water at 164.
Con X	" 1. J. Wedgewood	J. Sprowl	June 22, 1965	4 1/4	3	94	45	"	D	Stones clay gravel 32; hard grey limestone 85; soapstone 94. Water at 65 and 85.
Con X	" 1. A. Graham	J. O'Rourke	Apr. 3, 1967	5	10	50	33	"	D	Brown sandy clay gravel 26; limestone 57. Water from 45 to 55.
Con X	" 1. W. Trenholm	J. & L. Sprowl	July 13, 1966	4	20	35	32	"	D	Gravel clay 2; layers rock earth 26; limestone 77; soapstone 80; red Medina 85; soapstone 136. Water at 35, 77, 85 and 135.
Con X	" 1. H. Bennett	C. Hughes	Nov. 9, 1967	7	7	45	14	"	D	Sand boulders 7; soft brown limestone 48. Water at 45.
Con X	" 1. J. Boughton	J. & J. Sprowl	May 24, 1967	4	15	35	26	"	D	Clay gravel stones 20; grey limestone 78; soapstone 88; layers soapstone red Medina 93; soapstone 105. Water at 48, 73, 95, and 102.
Con X	" 3. A. Sutton	J. Sprowl	Nov. 26, 1965	4	8	20	10	"	D	Topsoil 2; grey limestone 75; soapstone 78. Water at 48, 65 and 75.
Con X	" 6. H. Turkelson	Ladco Drlg. & Exploration	Oct. 22, 1966	4	5	35	18	"	D, S	Gravel sand boulders 49; grey limestone 80. Water at 78.
Con X	" 8. B. Litch	"	Apr. 26, 1966	4	8	55	43	"	D	Clay boulders 75; sand layers sand 95; clay stones 111; limestone 133. Water at 131.
Con X	" 11. Erin Nurseries	Graham Well Drlg.	Dec. 28, 1964	6 1/2	5	130	25	"	Ir	Clay stones 20; clay gravel 39; stony hardpan 53; brown rock 98; light brown rock 136; dark grey rock 140; shale 141. Water at 98.
Con X	" 18. J. Baldwin	Ladco Drlg. & Exploration Co.	July 12, 1967	4	10	40	24	"	D, S	Red clay rocks 12; grey clay rocks 68; grey limestone 85; blue white rock 120. Water at 85 and 114.
Con X	" 28. J. Dyce	"	July 12, 1966	4	7	50	20	"	D, S	Gravel sand layers 59; grey limestone 65; brown limestone 90. Water at 88.
Con XI	" 3. J. Gilpin	J. & J. Sprowl	Sep. 4, 1967	4	20	20	12	"	D	Land fill 5; dark grey limestone 78. Water at 45, 65 and 75.
Con XI	" 6. J. Dineet	"	Nov. 7, 1966	4	20	12	10	"	D	Clay 10; stones gravel layers hardpan 48; dark grey limestone 92; light grey limestone 104. Water at 65, 85 and 100.
Con XI	" 10. H. Wobst	G. Tortington	Nov. 10, 1965	36	4	55	18	"	D	Topsoil 2; stony clay 24; red clay gravel 25. Water at 24.
Con XI	" 10. S. Szram	Ladco Drlg. & Exploration	July 29, 1966	4	4	4	25	"	D, S	Gravel sand layers boulders 75; grey limestone 130. Water from 120 to 130.
Con XI	" 12. H. Vanzolen	"	Oct. 12, 1966	4	5	45	35	"	D, S	Clay rocks 57; grey limestone 66. Water at 64.
Con XI	" 13. J. Winters	"	July 10, 1965	4	5	135	50	"	D	Gravel rocks 20; clay 25; sand 100; clay stones 158; grey rock shale ledges 200. Water at 195.
Con XI	" 15. H. Dugan	McLaughlin Water Wells & Supply Ltd.	Sep. 24, 1965	5	6	40	14	"	D	Topsoil 12; boulders gravel 9; grey limestone 48. Water from 12 to 48.
Con XI	" 23. N. Eagles	Graham Well Drlg.	Nov. 4, 1965	4	10	40	30	"	D, S	Soil 2; brown clay gravel 15; brown clay stones 38; brown sand gravel 47; dark brown rock 63; light brown rock 84; light grey rock 93. Water at 93.

WELLINGTON COUNTY - cont.

Erin Twp. - cont. Con XI	Ledco Drilg. & Exploration Co.	May 26, 1966	4	10	42	35	Fresh	D	Clay rocks 47; gravel 56; brown limestone 68. Water at 67.
Con XI	"	June 7, 1967	4	5	30	18	"	D	Sand clay 23; clay rocks 38; grey limestone 80; brown limestone 100. Water at 99.
Con XI	"	Jan. 12, 1965	4	6	55	40	"	D, S	Old well 25; sand 50; grey clay rocks 65. Water at 72.
Con XI	"	June 7, 1965	4	8	80	78	"	D, S	Sand 110; clay rocks 150; sand 180; clay rocks 200; brown limestone 225. Water at 220.
Pergus, Town	International Water Supply	Apr. 1, 1965	16	200	104	48	Fresh	P	Coarse gravel fill 6; yellow stony clay 16; grey limestone 87; soft yellow limestone 90; grey limestone 270; brown limestone 317; grey limestone 361. Water at 300.
Guelph, City	C. Hill	Dec. 27, 1967	5	25	40	25	Sulphur	P	Soft sand 36; brown limestone 160; hard black rock 208. Water at 208.
University of Guelph	Graham Well Drilg.	Dec. 6, 1967	6 1/2	400	30	21	Fresh	T	Black soil 1; grey sand and clay stones 5; gravel stones 18; light brown rock 58; medium brown rock 67; black rock 115; grey rock 170; grey brown streaks rock 190. Water at 25, 58 and 172.
B. Fletcher	C. Hill	Nov. 30, 1967	4	6	75	18	"	D	Clay 10; gravel 70; hard grey rock 108. Water at 108.
D. Gow	"	Nov. 29, 1967	4	7	70	25	"	D	Gravel 45; grey limestone 108. Water at 108.
Emergency Measures Organization	"	Nov. 11, 1967	4	10	60	38	"	P	Gravel 86; grey limestone 150. Water at 150.
W. Matthews	A. Earley	Nov. 4, 1967	4	6	80	30	"	D	Gravel sand 35; limestone white 111; blue rock 141. Water at 60 and 111.
P. Rozef	Graham Well Drilg.	Oct. 12, 1967	4 1/2	12	38	11	"	D	Topsoil 1; brown clay stones 18; coarse gravel sand 30; grey clay gravel 53; medium brown rock 80. Water at 80.
Corp. City Guelph	"	Oct. 5, 1967	12	60	28	28	"	N	Gravel boulders 35; sandy clay gravel 63; blue clay gravel 77; light brown limestone 95; dark brown light rock 120; dark brown rock 170; dark grey rock 225; light grey rock 264; light grey blue rock 274. Water from 120 to 274.
German Canad- ian Club	"	Aug. 29, 1967	5	15	80	57	"	D	Gravel coarse stones 40; light brown rock 60; dark brown black rock 105; dark grey rock 123. Water at 120.
City Guelph	"	Aug. 18, 1967	12	190	171	13	"	T	Black mud 4; clay stones 20; clay gravel 36; coarse gravel 39; grey limestone 68; brown limestone 104; dark brown limestone 110; black brown limestone 130; dark grey mixed limestone 170; light grey limestone 255; medium blue rock 265; blue shale 266. Water at 58, 60 and 210.
J. Cleveland	A. Earley	June 27, 1967	4	15	55	45	"	D	Gravel clay 6; sand stones 30; sand 80; grey clay 111; sandy clay 156; blue grey rock 165; black rock 170; grey rock 186. Water at 170 and 186.
Motel Baltimore	C. Hill	Aug. 1, 1966	5	20	50	50	"	P	Gravel 48; grey limestone 110; black rock 170; grey limestone 222.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WELLINGTON COUNTY - cont. Guelph, City - cont.	Corp. Guelph	Graham Well Drlg.	June16,1966	12	1000	21	10	Fresh	P	Black muck gravel 4;rough gravel 34;sandy blue clay 55;blue clay gravel 64;light brown rock 95;dark brown rock 104;dark brown black rock 140;dark grey rock 245;dark blue rock 258; blue shale 259. Water at 136.
	"	"	Sep. 1,1967	6 1/2	60	80	14 1/2	"	T	Topsoil 1;gravel stones 30;grey clay gravel 57;light brown rock 107;sand seams 108;medium dark brown rock 119;dark brown rock 138;dark brown light streaks rock 142;dark grey rock 148; light grey rock 270. Water at 65, 95,107,132,190,209 and 250.
	"	"	Nov.17,1966	6 1/2	400		3	"	T	Topsoil 1;brown clay coarse gravel stones 10;grey clay gravel fine sand 39;medium brown rock 52;dark brown rock 75;black rock 94;dark grey rock 99;dark grey broken rock 102;dark grey solid rock 150. Water at 46, 52,75, from 99 to 102 and at 118.
	Avero Constr.	"	May 1,1967	4 1/2	12	40	4	"	D	Topsoil 1;gravel sand 40;grey clay gravel 48;rock 81. Water at 81.
	Reid & Laing Ltd.	C.Hill	July10,1967	4	5	75	21	"	D	Gravel 31;grey limestone 108. Water at 108.
	A.Llewellyn	"	May 8,1967	4	5	70	25	"	D	Gravel 36;brown limestone 98. Water at 98.
	Jesuit Fathers	A.Earley	Jan. 9,1967	4	20	12	34	"	D	Dug 6;brown clay stones 20;clay gravel 39;limestone 75. Water at 50 and 75.
		"	Dec.31,1966	4	12	60	50	"	D	Dug 37;brown clay 45;light brown limestone 106. Water at 92 and 106.
	P.Sweet	C.Hill	Dec.17,1966	4	5	80	40	"	D	Gravel 30;clay 46;grey limestone 132. Water at 132.
	L.Asmussen Ltd.	"	Dec.12,1966	4	10	60	21	"	C	Gravel 30;sand 40;grey limestone 96. Water at 96.
	E.Ray (Kennelly Const.Ltd)	Graham Well Drlg.	Oct.18,1966	4	8	80	21	"	D	Brown clay stones 15;brown clay gravel 54;brown rock 102;black rock 120. Water at 120.
	D.Jackson	A.Earley	Sep. 2,1966	4	3	90	50	"	D	Clay stones 20;clay gravel 71;fine rock 124;brown rock 140. Water at 130.
	Katerburg Const.	C.Hill	Sep.12,1966	4	9	70	40	"	D	Clay 80;gravel 93;hard brown rock 144. Water at 144.
	J.Heffernan	A.Earley	June27,1966	4	15	40	10	"	D	Stones gravel 16;sand 30;gravel clay 36;limestone 76. Water at 76.
	A.Calende	Graham Well Drlg.	June17,1966	4	10	30	20	"	D	Brown clay stones 12;brown clay gravel 45;grey clay gravel 50; brown clay gravel 81;dark brown rock 103;light grey rock 132. Water at 132.
	H. Neumann	C.Hill	Nov.12,1966	4	5	80	18	"	D	Push dirt fill 8;gravel 15;clay boulders 65;gravel 70;brown rock 135. Water at 135.
	M.Cirotto	"	Mar.28,1966	4	15	25	5	"	D	Black dirt 2;clay 10;gravel 23;hard dark brown rock 76. Water at 76.
	Tucker-Johnson	"	Mar.18,1966	4	8	75	13	"	C	Gravel streaks clay 26;grey limestone 90. Water at 90.
	D.McVickers	Graham Well Drlg.	July10,1967	4	12	60	30	"	D	Topsoil 1;brown clay stones 18;grey clay stones 83;grey clay sand 87;dark brown rock 95;black rock 125. Water at 125.
	A.Petrin (Kennelly Const)	"	July20,1967	4	10	30	19	"	D	Topsoil 2;brown clay gravel 20;brown clay stones 35;gravel 45;brown clay gravel 82;dark brown rock 120;light brown rock 132. Water at 130.
	Speed Constr.	"	Mar.15,1966	4	15	30	25	"	D	Brown clay stones 17;brown clay gravel 53;brown clay stones 60;brown clay gravel 78;light brown rock 82;dark brown rock 133. Water at 133.



WELLINGTON COUNTY - cont.  
Guelph, City - cont.

Kero Constr.	C.Hill	Mar. 11, 1966	4	7	45	10	Fresh	D	Gravel 10; sand 50; gravel 77; light brown rock 100; hard black rock 122. Water at 123.
Kennelly Const.	Graham Well Drlg.	Mar. 4, 1966	4	10	35	25	"	D	Brown clay stones 3; brown clay gravel 27; grey clay gravel 35; brown clay gravel sand 60; light brown rock 78; dark brown rock 115; dark grey rock 123. Water at 123.
"	"	Feb. 24, 1966	4	8	50	20	"	D	Brown clay stones 15; brown clay gravel 42; brown clay stones 44; brown clay gravel 63; brown clay rock 89; dark brown clay rock hardpan 108. Water at 108.
"	"	Feb. 15, 1966	4	10	20	12	"	D	Brown clay stones 10; light brown clay gravel 18; light clay gravel 22; brown clay stones gravel 45; brown clay stones 50; brown clay gravel 56; brown rock 83. Water at 83.
R. Van Egten	A. Earley	Feb. 9, 1966	4	10	40	35	"	D	Clay sand 15; brown clay 35; clay sand 78; sand 84; dark brown sand 132. Water at 125, 129 and 132.
Limebeer (Kennelly Const.)	Graham Well Drlg.	Jan. 19, 1967	4	10	25	14	"	D	Brown clay stones 14; brown clay gravel sand 40; brown clay stones 54; brown clay gravel 64; light brown rock 92; dark brown rock 120. Water at 116.
Benwick Constr.	"	Feb. 4, 1966	4	10	20	15	"	D	Brown clay stones 13; brown clay gravel 35; brown clay stones 40; brown clay gravel 60; light brown rock 73; dark brown rock 83. Water at 83.
"	"	Jan. 27, 1966	4	10	35	30	"	D	Brown clay stones 24; brown clay gravel 60; brown clay stones 67; brown clay gravel 75; brown sand 80; brown rock 132. Water at 132.
Cernuik Const.	"	Jan. 14, 1966	4	10	35	30	"	D	Brown clay stones 15; brown clay gravel 75; brown sand gravel 83; light brown rock 98; dark brown rock 135. Water at 135.
Kero Constr.	C.Hill	Jan. 10, 1966	4	5	85	21	"	D	Clay boulders 79; hard brown rock 110. Water at 110.
D. Mills	Graham Well Drlg.	May 19, 1967	4	12	100	77	"	D	Brown clay small stones 15; grey clay stones 85; sand gravel 89; brown clay sand 110; light brown rock 145; dark brown rock 150; light grey rock 187. Water from 170 to 187.
United Dairy & Poultry Co-op	McLaughlin Water Wells & Supply	July 9, 1965	10	300	200	30	"	S	Topsoil 1; sand gravel 19; clay hardpan 40; paving grey limestone 70; hard grey limestone 240. Water from 70 to 150 and from 180 to 240.
C. Wilson	A. Earley	Mar. 10, 1964	5	8	50	14	"	Ir	Fill 5; clay stones 10; limestone light brown rock 14; dark brown rock 20; black rock 60. Water at 30 and 60.
National-Standard Co. of Can.	Graham Well Drlg.	July 23, 1965	10	180	125	23	"	In	Clay stones 17; light brown stones 108; light grey stones 205; blue stone 280; dark blue stone 303; blue shale 310. Water from 200 to 300.
V. Cocco	A. Earley	June 21, 1964	4	10	20	13	"	C	Stones clay 6; black rock 53. Water at 53.
C. Billings	"	June 17, 1964	4 1/2	15	20	12	"	D	Stones clay 4; black rock 52. Water at 52.
Guelph Twp. Division B Con I	2 Crawford Transport	Apr. 2, 1964	5	10	40	35	"	C	Clay rocks 47; light grey rock 150. Water from 140 to 150.
Con I	2 D. Manera	Apr. 3, 1965	4	10	60	30	"	D	Clay 10; gravel 60; brown limestone 108. Water at 108.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
WELLINGTON COUNTY - cont. Guelph Twp. - cont. Division B cont. Con I lot 3 " 8 Con I	I. Bukavina J. Hauser Farm	C. Hill Graham Well Drlg.	Sep. 9, 1964 Sep. 30, 1966	4 12	15 180	10 82	1 5	Fresh	D P	Clay 3; quicksand 16; grey limestone 101. Water at 101. Sand clay boulders 25; clay boulders 37; grey rock 42; light brown rock 113; dark grey rock 116; light brown rock 165; light grey rock 198; blue rock 314; blue shale 315. Water from 198 to 220. Grey clay stones 14; grey clay gravel 33; dark brown rock 40; light brown rock 183; light grey rock 215; light blue rock 280; light blue white rock 300; light brown rock 324; dark blue rock 334; dark grey rock 352; blue shale 356. Water from 150 to 356. Brown clay stones 55; fine brown sand 40; coarse sand gravel 51; light brown limestone 112; light grey limestone 148; light brown limestone 155. Water at 155. Sandy fine topsoil 48; light brown limestone 80; dark brown sand rock 95; light brown limestone 100. Water at 55 and 99. Stones sandy clay 36; brown limestone 70; white limestone 100. Water at 51 and 100. Clay 60; quicksand 85; grey limestone 101. Water at 101. Clay 61; brown limestone 30. Water from 20 to 22. Topsoil 1; stones clay 15; sandy clay 53; brown limestone 130. Water at 123 and 130. Clay rocks 12; gravel 16; clay 21; limestone 147. Water at 145. Dug well 18; stony clay 40; sand gravel 50; sandy clay 60; rock hard sandstone 85. Water at 80. Topsoil 1; sand stones 15; grey clay 38; light brown rock 70; dark brown rock 85; light brown rock 160. Water at 160. Gravelly clay 20; gravel 58; hard grey rock 145; grey limestone 175. Water at 175. Topsoil 2; brown clay stones 45; light brown sand 74; dark brown rock 90; light brown rock 117; white rock 155; grey rock 176. Water at 176. Gravel clay 40; boulders clay 85; hard packed sand 99; light brown rock 156; brown black rock 186. Topsoil 1; broken limestone 2; limestone rock hard light brown 127. Water from 125 to 127. Shale 9; white limestone 121. Water at 121.
Con II	Viceroy Aluminium Ltd.	Graham Well Drlg.	Feb. 23, 1964	4 1/2	10	60	52	Fresh	In	
Con II	G. Dolmer	A. Earley	May 26, 1965	4	15	38	32	"	C	
Con II	B. Kuenzig	"	Feb. 22, 1965	4	8	45	5	"	D	
Con II	C. Carrere	C. Hill	July 27, 1964	4	20	25	Flows	"	D	
Con III	L. Gilmour	L. Gilmour	July 12, 1965	6	10	20	4	"	D	
Con III	J. Sippel	A. Earley	Aug. 19, 1964	4	5	96	50	"	D	
Con III	G. Gordon	Elliott Drlg.	May 12, 1965	4	6	93	12	"	D	
Con III	T. Smith	W. Packham	June 28, 1965	6 1/2	30	30	11	"	D	
Con IV	2 Kennelly Const.	Graham Well Drlg.	Sep. 12, 1966	5	30	58		"	D	
Con IV	G. Friers	C. Hill	July 9, 1966	4	9	75	23	"	D	
Con IV	C. Reecraft	Graham Well Drlg.	Mar. 7, 1964	4 1/2	7	95	20	"	D	
Con IV	J. Rock	"	Oct. 19, 1967	5	12	60	30	"	D	
Con IV	A. Hale	G. Davidson	Oct. 21, 1966	5	14	27	17	"	D	
WRS	H. Jansen	C. Hill	Feb. 17, 1964	4	5	80	30	Fresh	D	
Division C Con I lot 10	N. Crimmens	Graham Well Drlg.	Jan. 28, 1964	5	10	60	45	Fresh	D	
Con I	B. Griffin	A. Earley	June 4, 1965	4	12	25	18	"	D	
Con II	G. Davidson	Graham Well Drlg.	Oct. 26, 1964	4 1/2	8	60	35	"	D	
Con II	E. Keating	J. Sprowl	Sep. 22, 1965	4 1/2	4 1/2	55	26	"	D	
Con II	B. Nadalin Cernluk Const.	Graham Well Drlg.	July 19, 1966	4	10	35	27	"	D	

\* See end of Appendix C for the meanings of abbreviations and symbols.

WELLINGTON COUNTY - cont.

Guelph Twp. - cont.		Division C cont.		Guelph Well Drlg.		Nov. 10, 1966		10		30		Fresh		D	
Con II	lot	7 E. Sutton	"	"	"	4	4	10	30	30	30	30	30	30	30
Con II	"	7 T. Besseggio	"	"	"	4	4	10	34	25	25	25	25	25	25
Con II	"	7 D. Blacklock	"	"	"	4	4	10	33	25	25	25	25	25	25
Con II	"	7 E. Blacklock	"	"	"	4	4	10	33	25	25	25	25	25	25
Con II	"	10 E. Borghese	"	"	"	4	4	12	30	22	22	22	22	22	22
Con II	"	10 E. Romanello	"	"	"	4	4	7	60	25	25	25	25	25	25
Con III	"	7 T. Bolzon	"	"	"	4	4	5	65	7	7	7	7	7	7
Con III	"	3 S. Docicco	"	"	"	4	4	128	126	126	126	126	126	126	126
Con III	"	3 K. Wilk	"	"	"	4	4	10	120	120	120	120	120	120	120
Con III	"	5 T. Zordo	"	"	"	4	4	7	65	23	23	23	23	23	23
Con III	"	7 B. Thornton	"	"	"	4	4	15	35	30	30	30	30	30	30
Con IV	"	7 W. Walkover	"	"	"	5	5	12	80	73	73	73	73	73	73
Con IV	"	8 R. Bonham	"	"	"	4	4	10	67	47	47	47	47	47	47
Con IV	"	10 City of Guelph	"	"	"	6	6	200	123	10	10	10	10	10	10
Con IV	"	10	"	"	"	12	12	1000	32	Flows	Sulphur	Sulphur	Sulphur	Sulphur	Sulphur
Con IV	"	11	"	"	"	6	6	125	80	3	3	3	3	3	3
Con V	lot 2	S. Zillio	"	"	"	4	4	10	45	30	30	30	30	30	30
Con V	"	8 Corp. City of Guelph	"	"	"	12	12	800	127	3	3	3	3	3	3
Con V	"	8	"	"	"	5	5	180	80	4	4	4	4	4	4
Con VI	"	2	"	"	"	12	12	700	134	65	65	65	65	65	65
Con VI	"	2	"	"	"	6	6	260	75	75	75	75	75	75	75

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST C.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
WELLINGTON COUNTY - cont.										
Guelph Twp. - cont.										
Division C cont.										
Con VI lot	3 G. Bingham	Graham Well Drlg.	July 11, 1967	4	10	60	49	Fresh	D	Topsoil 1; brown clay stones 25; grey clay stones 92; light brown rock 110; dark brown rock 120. Water at 120.
Con VI	3 J. Sanvido	"	June 2, 1965	4	8	70	62	"	D	Topsoil 1; brown clay stones 40; grey clay 92; light brown rock 115; dark brown rock 126. Water at 126.
Con VI	3 J.O'Toole	C.Hill	Mar. 12, 1964	4	4	70	30	"	D	Hard gravel 50; brown limestone 112. Water at 112.
Con VI	3 Katerburg Const.	"	May 15, 1964	4	3	80	35	"	D	Clay 68; grey limestone 105; hard black rock 127. Water at 127.
Con VI	3 J.O'Toole	"	July 15, 1964	4	3	80	25	"	D	Clay 60; grey limestone 110; hard black rock 141. Water at 141.
Con VI	3 Brocollet Const.	"	Aug. 14, 1964	4	4	80	30	"	D	Gravelly clay 40; clay 63; brown limestone 112. Water at 112.
Con VI	3 J.O'Toole	"	Aug. 31, 1964	4	5	85	38	"	D	Mixed clay gravel 89; brown limestone 110; black rock 125. Water at 125.
Con VI	"	"	Oct. 17, 1964	4 1/2	5	70	33	"	D	Gravel 50; fine sand 60; brown limestone 122. Water at 122.
Con VI	3 D.Street	"	May 12, 1965	4 1/2	8	60	34	"	D	Topsoil 1; brown clay stones 35; grey clay gravel 68; dark brown rock 90; black rock 115. Water at 73 and 115.
Con VI	3 P. Crawford	"	Jan. 17, 1966	4	5	85	40	"	D	Clay gravel streaks 40; sticky clay 120. Water at 120.
Con VI	3 D.Tel.	"	June 21, 1966	4	6	80	35	"	D	Clay gravel 74; grey limestone 90; hard brown rock 111. Water at 111.
Con VI	3 G. Mooney	"	Aug. 25, 1966	4	15	60	25	"	D	Gravelly clay 58; hard black rock 88. Water at 88.
Con VI	3 V. Demers	Graham Well Drlg.	Aug. 30, 1966	4 1/2	10	80	21	"	D	Topsoil 1; brown clay gravel 10; grey clay gravel 60; light brown soft rock 80; dark medium hard brown rock 102. Water at 70 and 102.
Con VI	3 O. Sprenger	A. Earley	Nov. 10, 1966	4	6	80	60	Sulphur	D	Clay stones 30; clay gravel 88; grey rock 125; black rock 149. Water at 125 and 148.
Con VI	3 Karn & Pettifer	C.Hill	Dec. 23, 1966	4	5	80	30	Fresh	D	Fall 6; clay gravel mixed 70; brown limestone 104. Water at 104.
Con VI	3 D. Harden	Graham Well Drlg.	Sep. 22, 1967	4 1/2	4	100	64	"	D	Topsoil 1; brown clay small stones 15; grey clay small stones 87; brown rock 120; black rock 154. Water at 110 and 152.
Con VI	4 E. Campagnola	C.Hill	July 31, 1964	4	7	55	27	"	D	Clay large boulders 20; gravel large boulders 53; brown limestone 88. Water at 88.
Con VII	lot 5 P. Kaine	Graham Well Drlg.	May 10, 1966	4 1/2	10	80	53	Fresh	D	Topsoil 1; brown clay stones 40; grey rock 65; light brown rock 75; dark brown rock 80; black rock 127; bluish grey rock 143. Water at 105 and 143.
Con VII	5 B. Marshall	"	Feb. 25, 1964	4 1/2	7	60	24	"	D	Topsoil 1; brown clay Gravel 32; light brown rock 55; light grey rock 97; dark brown rock 105. Water at 105.
Con VII	5 E. Gazzola	C.Hill	Aug. 11, 1965	4	10	20	60	"	D	Clay 30; brown limestone 75. Water at 75.
Con VII	5 J. Rund	"	May 27, 1965	4	10	50	18	"	D	Clay 38; brown limestone 76. Water at 76.
Con VII	5 P. Bresse	Graham Well Drlg.	Oct. 7, 1965	4 1/2	6	80	40	"	D	Brown clay fine sand 18; light brown rock 45; dark brown rock 60; black rock 85; dark grey rock 105. Water from 65 to 105.
Con VII	5 W. Elliott	"	Mar. 19, 1964	4 1/2	10	75	50	"	D	Topsoil 2; brown clay stones 33; brown sand 45; grey clay stones 63; light brown rock 75; dark brown rock 130. Water at 130.
Con VII	8 W. Jeffries	A. Earley	Oct. 1, 1966	4	10	40	15	"	D	Dug well 19; gravel 23; blue clay 44; limestone 60; brown rock 67. Water at 46 and 67.
Con VIII	4 Dr. P. Farmer	Graham Well Drlg.	Sep. 3, 1964	5	20	80	61	"	D	Brown clay stones 28; grey clay stones 66; light brown rock 87; dark brown rock 132; dark grey rock 184. Water at 180.
Con X	8 Guelph Twp. Centennial Park Board	"	Jan. 30, 1967	5	20	17	4	"	P	Brown clay stones 24; light brown clay gravel 55; light clay stones 63; grey clay gravel 68; brown sand gravel 74; light brown rock 87; dark brown rock 120; grey rock 126. Water at 111.
Con X	3 H. Atkinson	"	Sep. 26, 1966	5	12	90	37	"	D, S	Topsoil 1; brown clay gravel 25; grey clay gravel 43; light brown rock 125; dark brown rock 155; grey rock 170; light brown rock 200. Water at 50, 127 and 200.

\* See end of Appendix C for the meanings of abbreviations and symbols.

WELLINGTON COUNTY - cont.

Guelph Twp. - cont.									
Division C cont.									
Con X	lot 10	W. King	G. Hill	July 18, 1967	4	8	40	5	D
Con XI	lot 7	R. Fletcher	Graham Well Drlg.	July 25, 1964	5	10	80	38	D
Con XII	"	11 G. Parkinson	J. Cudney	Aug. 19, 1967	4	8	40	18	"
Con XII	"	1 F. Neil	C. Hill	Apr. 4, 1967	4	12	40	5	D
Division D									
Con I	lot 23	A. Sumowski	Graham Well Drlg.	June 1, 1967	4½	10	40	Flows	D
Con I	"24	C. Wellings Body & Coach Ltd.	"	Sep. 27, 1965	5	25	40	6	"
Con I	"25	B. Campbell	A. Earley	Sep. 14, 1966	4	10	35	30	"
Con I	"29	G. Larter	J. Cudney	Aug. 10, 1967	4	12	20	"	"
Con II	"7	L. Deed	Graham Well Drlg.	Oct. 23, 1967	4	8	95	76	"
Con II	"8	B. Mesner	"	Apr. 7, 1964	4½	10	70	65	"
Con II	"8	R. Parkinson	C. Hill	Oct. 30, 1964	4	7	85	72	"
Con II	"8	J. Kruseilbank	"	Jan. 9, 1965	4	10	70	40	"
Con II	"8	A. Tedesco	A. Earley	Sep. 27, 1965	4	15	55	36	"
Con II	lot 10	J. Karsten	J. Cudney	June 18, 1964	4½	7½	60	23	D
Con II	"10	S. Noguichi	A. Earley	July 25, 1964	4½	20	40	27	"
Con II	"10	B. Verspagen	J. Cudney	Apr. 29, 1965	4½	10	60	60	"
Con II	"10	A. Dickson	"	July 1, 1964	4½	2	95	60	"
Con II	"10	R. Winch	A. Earley	July 26, 1965	4	10	60	25	"
Con II	"10	E. Christenson	"	Sep. 14, 1965	4	15	48	44	"
Con II	"10	P. Parico	Graham Well Drlg.	Nov. 16, 1965	4	15	55	50	"
Con II	"10	P. Milley	A. Earley	Nov. 23, 1965	4	15	80	60	"
Con II	"10	I. Pell	"	Dec. 2, 1965	4	15	70	38	"
Con II	"10	W. Densmore	J. Cudney	July 20, 1967	4	7	60	35	"
Con II	"19	A. Patterson	A. Earley	Dec. 11, 1964	4	8	30	25	"
Con II	"19	L. Halls	"	July 13, 1967	4	12	20	7	"

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WELLINGTON COUNTY - cont.									
Guelph Twp. - cont.									
Division D cont.									
Con II lot 20 B.	Fletcher Sr.	Graham Well Drlg.	July 30, 1964	5	10	20	Fresh	D	Clay stones 17; light brown rock 58; dark brown rock 72; dark grey rock 77. Water at 72.
Con II	" 23 W. Pieczewski	J. Cudney	June 15, 1964	4 1/4	15	40	"	D	Stony clay 15; grey limestone 70. Water at 70.
Con II	" 23 I. Ben	Graham Well Drlg.	Nov. 23, 1965	4 1/4	6	30	"	D, S	Topsoil 15; grey clay 35; gravel brown clay 42; light brown rock 60; light grey rock 105. Water at 105.
Con II	" 25 J. Alexander	C. Hill	June 22, 1964	4	10	45	"	D, S	Very stony clay 36; bluish grey rock 96. Water at 96.
Con II	" 29 W. Heffernan	J. Cudney	Sep. 11, 1963	4 1/4	3	80	"	"	Stony clay 45; grey limestone 134. Water at 134.
Con III	" 7 Ignatius College	A. Earley	Mar. 26, 1965	4	12	50	"	P	Topsoil 15; stony clay 15; sand clay 59; grey rock 110; blue rock 125. Water at 68, 90 and 125.
Con III	" 20 J. Kirby	Graham Well Drlg.	Jan. 22, 1964	5	10	28	"	D	Dug well 15; gravel coarse sand 16; light brown rock 80. Water at 35 and 80.
Con III	" 26 P. Boyles	C. Hill	Jan. 28, 1965	4	10	80	"	D	Clay 30; hard brown rock 97. Water at 97.
Con III	" 26 H. Wilson	"	Feb. 24, 1965	4	8	70	"	D	Soft clay 32; hard brown limestone 101. Water at 101.
Con IV	" 19 D. Parrish	A. Earley	July 9, 1964	4 1/4	7	40	"	D	Topsoil 1; clay stones 12; sandy clay 52; cemented gravel 55; sandy clay 61; grey rock 92; brown rock 101; grey rock 123; blue rock 150; brown rock 157. Water at 95 and 157.
Con IV	" 21 P. Hasenfratz	McLaughlin Water Wells & Supply	June 21, 1967	5	10	65	"	D	Tile 18; grey clay 35; hardpan 55; grey clay sand 61; rock 127. Water from 65 to 127.
Con V	" 7 D. Reilly	A. Earley	July 14, 1966	4 1/4	10	22	"	D	Sand clay gravel 33; brown rock 46; blue rock 65. Water at 65.
Con V	" 8 C. Fisher	"	Mar. 29, 1966	4	6	120	"	D	Stones clay 9; sandy clay 50; hard packed sand 64; brown rock 120; blue rock 135; black rock 167. Water at 135 and 167.
Con V	" 28 G. VonWiedner	"	Jan. 20, 1966	4	6 1/2	80	"	D	Clay stones gravel 80; dark brown rock 161; light brown rock 167. Water at 144 and 161.
Con VI	" 9 Brazolot Const.	C. Hill	Dec. 31, 1965	4	4	80	"	D	Clay 86; hard brown rock 151. Water at 151.
Con VI	" 25 J. McKenzie	A. Earley	July 17, 1965	4	10	50	"	D	Stony clay 20; clay 70; hard packed gravel 75; blue rock 95. Water at 82 and 95.
Division E									
Con I lot 1	Guelph City Transport Ltd.	C. Hill	May 20, 1964	4	10	45	Fresh	C	Fill 5; clay 31; grey limestone 87. Water at 87.
Con I	" 5 D. Goodchuld	"	Oct. 20, 1966	4	15	50	"	D	Sort clay sand 16; white limestone 114. Water at 114.
Con I	" 5	"	Feb. 3, 1965	5	15	15	"	D	Sandy clay 17; grey limestone 108. Water at 108.
Con I	" 8 Perlow Trans-Port Ltd.	A. Earley	Feb. 20, 1966	4	15	34	"	C	Clay stones gravel 25; limestone 59; soft brown rock 60; limestone 75; white rock 123. Water at 75 and 123.
Con II	" 7 J. Szewo	"	Dec. 15, 1965	4	20	40	"	D	Topsoil 1; gravel stones clay 37; brown rock 75; blue rock 100; brown rock 106. Water at 75 and 106.
Con II	" 8 City of Guelph	Graham Well Drlg.	Aug. 22, 1966	12	400	167 1/2	"	P	Topsoil 1; brown clay gravel 17; light grey rock 32; blue grey rock 38; light brown rock 88; light grey rock 120; dark grey rock 170; dark grey brown seams rock 320; light blue rock 335; blue shale. Water at 81 and 240.
Con II	" 8	"	June 2, 1966	5	200	140	"	T	Topsoil 1; brown clay gravel 17; light grey rock 32; blue grey rock 38; light brown rock 82; light grey rock 120; dark grey rock 170; dark grey brown seams rock 260. Water at 81 and 240.
Con II	" 8	"	May 25, 1964	5	15	40	"	D	Clay stones 12; light brown rock 60; light grey rock 104; hard brown stone 114. Water at 112.
Lot C	L. Heringa	"	Apr. 13, 1965	4 1/4	10	50	"	D	Topsoil 1; brown clay stones 12; fine sand 18; light brown rock 90; black rock 114. Water at 114.
"	" C. E. Berik	"	Feb. 4, 1967	4	8	50	"	D	Dug well 5; clay stones 15; limestone 92. Water at 50 and 92.
"	" C. N. Martini	A. Earley							

\* See end of Appendix C for the meanings of abbreviations and symbols.



## WELLINGTON COUNTY - cont.

uelp Twp. - cont.

MILINGTON COUNTY - cont.											
helpful Twp. - cont.											
Division C	Con I	lot 9	University of Guelph	Graham Well Drlg.	Oct. 13, 1966	4 1/2	10	80	18	D	Topsoil 1; brown clay gravel 15; grey clay gravel 56; light brown rock 63; dark brown rock 80; black rock 130; dark grey rock 160. Water at 63 and 160.
Con II	"	7	Federated Colleges	C. Goodberry Well Drlg.	May 29, 1964	6	110	160	46	Sulphur	Clay limestone 51; brown limestone 105; black limestone 150; light blue limestone 170; grey limestone 208. Water from 204 to 208.
Con III	"	8	"	"	Apr. 18, 1964	6	160	180	72	Fresh	Sandy soil 3; gravel 19; silt sand 63; quicksand 66; clay gravel 71; brown limestone 105; black limestone 170; grey limestone 251; blue limestone 252. Water from 75 to 251.
Con III	"	8	"	"	Mar. 19, 1965	10	115	150	54	"	Sandy soil 3; gravel 19; silt sand 63; quicksand 66; clay gravel 72; brown limestone 105; black limestone 170; grey limestone 251; blue limestone 258. Water from 75 to 251.
Con III	"	8	"	"	June 19, 1964	6	375	180	57	"	Black topsoil 2; clay 10; silt 34; gravel small boulders 37; sandy silt 60; quicksand 65; hard grey clay gravel 85; brown limestone 115; black limestone 182; grey limestone 260; blue limestone 265. Water at 90, 115, 180 and 260.
Con III	"	8	"	"	Feb. 16, 1965	10	400	92	74	"	Black topsoil 2; clay 10; silt 34; gravel 37; sandy silt 60; quicksand 65; hard grey clay gravel 85; brown limestone 115; black limestone 182; grey limestone 205; gravel 211. Water at 90 and 205.
Con IV	lot 6	G. Craig	A. Earley		May 31, 1965	4	15	35	25	Fresh	Stone gravel 15; sand 42; light brown limestone 81; dark brown rock 100. Water at 80 and 100.
Con IV	"	8	L. Currie	"	May 14, 1964	4 1/2	10	35	30	"	Fine sand 40; cemented gravel 42; fine sand 51; light brown rock 80; black rock 136. Water at 80 and 136.
Con V	"	1	Can. Gypsum Co.	Graham Well Drlg.	Aug. 4, 1964	3	30			In	Quarry pit 25; black rock 55; grey rock 85. Water at 15, 18, 24, and 30.
Con V	"	6	E. Higgins	"	Nov. 6, 1965	4	10	70	56	"	Sand gravel 20; sandy clay 43; light brown limestone 108. Water at 92 and 108.
Con V	"	6	G. Moore	"	June 8, 1964	4 1/2	10	50	46	"	Sand gravel 50; stones sand 60; sand brown clay 62; light brown limestone 95. Water at 70 and 95.
Con V	"	7	Kero Constr. Co	C. Hill	June 9, 1964	4	4	70	30	"	Gravel sand 42; grey limestone 95; hard brown rock 102. Water at 102.
Con V	"	7	D. Porbs	A. Earley	Nov. 18, 1964	4	10	50	39	"	Stones gravel 25; sand 35; stones gravel 39; limestone light brown 80. Water at 50 and 80.
Con V	"	7	G. Towers	"	July 15, 1964	4 1/2	14	40	30	"	Clay stones 3; gravel 31; brown rock 47. Water at 47.
Con V	"	7	Brozolo Const.	C. Hill	Jan. 21, 1964	4	6	80	30	"	Gravel 42; grey limestone 97. Water at 97.
Con V	"	6	K. Yates	Graham Well Drlg.	May 8, 1964	4 1/2	10	70	50	"	Fine brown sand 6; sand gravel 50; light brown rock 122; dark brown rock 126. Water at 125.
Con V	"	7	R. Mondy	A. Earley	Feb. 13, 1965	4	10	30	21	"	Stones gravel 8; sand 25; gravel stones 37; light brown limestone 70. Water at 63 and 70.
Con V	"	7	Kero Constr.	C. Hill	Mar. 27, 1965	4	10	60	25	"	Gravel 10; fine sand 32; brown limestone 100. Water at 100.
Con V	"	7	K. Cutting	"	June 19, 1965	4	10	60	23	"	Stony gravel 40; brown limestone 97. Water at 97.
Con V	"	7	"	"	Aug. 9, 1965	4	10	60	20	"	Stony gravel 35; brown limestone 101. Water at 101.
Maryborough Twp.	Con I	lot 5	J. Scott	C. Keeso	Apr. 9, 1964	4	15	57	55	Fresh	Topsoil 3; clay gravel 84; brown shale 91; brown limestone 158. Water at 158.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
WELLINGTON COUNTY - cont.										
Maryborough Twp. - cont.										
Con I	lot 18 N. Vollmer	C. Keeso	Feb. 20, 1964	4	10	105	84	Fresh	D, S	Dug well 20'; clay boulders 142'; brown shale 161'; brown limestone 256'; white limestone 276'. Water from 248 to 276.
Con II	" 7 C. McLeod	"	Aug. 5, 1965	4	14	78	75	"	D, S	Clay 4'; hardpan 100'; sandy clay 126'; shale 138'; blue limestone 186'. Water from 180 to 186.
Con III	" 15 M. Peick	Hadco Well Drilling Ltd.	July 13, 1966	5 1/2	25	70	25	"	D	Brown clay 12'; sand 25'; gravel 37'; blue clay 68'; gravel sand 74'; blue clay 76'; gravel 95'. Water at 90.
Con III	" 17 H. Groh	Kerr's Well Drilling	July 6, 1967	4	10	120	90	"	D	Silty sand 40'; gravel 42'; boulder clay 75'; cemented gravel 140'; grey limestone 153'. Water from 150 to 152.
Con III	" 18 D. Hanes	Lone Star Well Drilling	July 7, 1965	30	10	20	15	"	D	Brown clay 23'; gravel 25'. Water at 23.
Con IV	" 18 P. Snider	Hadco Well Drilling & Digging Ltd.	Oct. 23, 1967	5 1/2	8	60	20	"	D	Brown clay 18'; blue clay 50'; gravel sand 65'; blue clay 80'; grey shale 86'; grey limestone 140'. Water at 138.
Con V	" 17 G. Leslie	"	Dec. 2, 1964	5 1/2	15	170	48	"	S	Clay 63'; sand 67'; sand clay 113'; gravel 114'; clay rock 155'; rock 173'; clay 178'; grey rock 183'. Water from 178 to 183.
Con V	" 18 E. Cook	"	July 5, 1967	30	3	23	8	"	D	Topsoil 4'; brown clay 2'; brown sand 12'; sand gravel 23'; blue clay 25'. Water at 10.
Con VI	" 18 Traugott Const.	McLaughlin Water Wells & Supply	Aug. 28, 1967	7	12	36	30	"	D	Topsoil 10'; clay stones 30'; clay sand 40'; hardpan 48'; gravel 49'. Water at 48.
Con VII	" 13 Moorefield Produce Co.	G. Davidson	Oct. 20, 1966	5	25	160	77	"	S	Topsoil 4'; brown clay 24'; hardpan clay stones 135'; reddish brown soft shale 190'; grey hard rock 191 1/2'; green soft shale 220'; grey medium soft shale rock 232'. Water at 232.
Con VIII	" 3 F. Rody	"	Nov. 1, 1965	4	8	60	36	"	S	Topsoil 1'; clay brown stones 12'; blue clay stones 30'; yellow white shale 93'; yellow white hard rock 114'; bluish grey medium hard rock 137'; green sticky shale 139'; grey brown hard rock 162'. Water at 162.
Con VIII	" 12 S. Denstedt	"	Aug. 15, 1967	4	8	60	50	"	D, S	Topsoil 1'; brown clay 22'; bridging clay 35'; hardpan stones sand gravel streaks 84'; hardpan 125'; buff soft limestone 142'; green blue medium hard shale 157'. Water at 157.
Con VIII	" 18 K. Drost	"	Aug. 19, 1964	4	14	85	73	"	D, S	Clay 50'; hardpan 117'; shale 131'; loose brown rock 136'. Water at 136.
Con IX	" 7 A. Schneider	"	Sep. 17, 1964	4	15	50	13	"	D, S	Gravel 40'; hardpan 78'; shale 129'; brown rock 149'; red rock 149'. Water at 149.
Con IX	" 7 H. Osseel	Hadco Well Drilling Ltd.	Apr. 25, 1967	5	10	50	30	"	D, S	Topsoil 1'; brown sandy clay 15'; brown clay 20'; blue clay stones 35'; hardpan 47'; blue clay stones 75'; blue clay hardpan 81'; brown limestone 115'. Water at 105 and 110.
Con IX	" 9 Twp. Maryborough G. Davidson	"	Sep. 19, 1966	4	8	50	46	"	P	Sand gravel 42'; clay 50'; gravel 53'; blue shale 66'; brown shale 82'; red shale 135'; blue shale 150'. Water at 190.
Con IX	" 75 G. Welsh	"	Sep. 26, 1966	4 1/2	10	35	19	"	D	Sand gravel 2'; red clay 7'; hardpan 48'; red soft shale 51'; brown soft rock 83'. Water at 83.
Con IX	" 9 C. McLeod	Graham Well Drilling	June 7, 1967	4	10	60	27	"	D	Topsoil 1'; brown clay stones 45'; grey clay 80'; grey rock red clay seams 120'; grey rock 140'. Water at 140.
Con IX	" 15 M. Duimering	G. Davidson	Sep. 19, 1967	4	12	20	20	"	D, S	Topsoil 2'; clay 1'; stony hardpan 56'; soft shale 84'; grey soft rock 114'. Water at 114.
Con X	" 12 W. Vandenberg Hazel	"	Sep. 14, 1965	4	10	60	55	"	D, S	Topsoil 1'; blue clay 9'; coarse gravel 40'; hardpan 113'; brown hard rock 143'. Water at 143.
Con X	" 14 A. Rumph Sr.	Hadco Well Drilling & Digging Ltd.	Nov. 27, 1964	5 1/2	10	110	65	"	D, S	Clay rocks 84'; rocks gravel 106'; rock 134'; shale 205'; grey rock 213'; white rock 218'. Water from 215 to 218.

WELLINGTON COUNTY - cont. Maryborough Twp. - cont. Con X	lot 15 H. Uay	Durham Drlg. & Enterprises	Jan. 21, 1964	4	12	75	60	Fresh	D, S	Grey clay 20; stony clay 40; grey clay 60; sandy clay 110; sand 120; grey clay 160; blue shale 210; hard brown rock 217. Water from 160 to 217.
Con X	" 15 J. Bloemberg	G. Davidson	Nov. 7, 1967	4	8	90	60	"	D	Clay sand 8; hardpan 45; sand 53; hardpan 109; loose cream hard rock 113; cream soft rock 150; blue soft shale limestone 192; brown hard limestone 195; blue soft shale 197. Water at 197.
Con X	" 17 B. Flinkert	"	Nov. 14, 1967	5	25	130	80	"	D, S	Topsoil 1; brown clay 17; blue clay small stones 109; bridging clay 130; clay stones 141; blue shale 216; brown shale 219; blue shale 230; brown limestone 232. Water at 232.
Con XII	" 5 V. Wood	Durham Drlg. & Enterprises Ltd.	Dec. 7, 1964	4	15	26	22	"	D	Topsoil 1; hardpan stones 40; sand gravel 68; hard grey rock 92. Water from 88 to 92.
Con XII	" 9 P. Schleicher	"	May 29, 1964	4	20	60	50	"	D, S	Topsoil 4; stony clay 30; soft grey clay 75; sandy clay 100; grey soft clay 115; brown rock 140. Water from 115 to 140.
Con XII	" 15 L. Dobben	Hadco Well Digging Ltd.	Sep. 10, 1965	30	2	14	14	"	D	Topsoil sandy loam 1; brown sandy clay 14; brown sand 19; grey sand 23; grey clay 30. Water at 14 and 19.
Con XIII	" 11 J. Miller	Kerr's Well Drlg.	Sep. 6, 1966	5 1/2	15	80	60	"	D, S	Dug pit 8; stony brown clay 77; sandy clay 95; blue clay 112; blue shale 160; grey limestone 185. Water at 150 and 180.
Con XIII	" 9 K. Dickson	Durham Drlg. & Enterprises Ltd.	Jan. 7, 1964	4	10	60	55	"	D, S	Topsoil 1; hardpan gravel 60; sand gravel 101; grey limestone 130. Water from 130 to 135.
Con XIII	" 9 G. Piller	Kerr's Well Drlg.	Apr. 1965	6 1/2	25	60	35	"	D, S	Water from 130 to 135.
Con XIV	" 1 J. Hicks	Water Well Drlg.	Jan. 4, 1966	4	21	20	18	"	C	Sand boulders 30; clay 82; brown shale 91. Water from 90 to 91.
Con XIV	" 10 L. Schell	Lunney Well Drlg.	Sep. 7, 1967	4	8	105	69	"	D	Gravel 31; hardpan gravel 54; hard brown limestone 118. Water at 110.
Con XVII	" 16 J. Mainland	Durham Drlg. & Enterprises	Feb. 23, 1965	4	18	45	36	"	D, S	Grey clay 40; grey clay gravel mixture 130; grey clay 205; Limestone 210. Water at 210.
Con XVII	" 17 J. Workman	"	Jan. 16, 1964	4	15	40	32	"	D, S	Topsoil 3; stony clay 40; soft clay 120; sandy clay 200; sand 220; stony clay 230; sand 235; clay 245; sandy clay 255; fine gravel 261. Water from 200 to 261.
Minto Twp. Con A	lot 1 R. Andrews	Water Well Drlg.	Apr. 7, 1964	5	20	5	5	Fresh	D, S	Open hole 6; large stone clay 24; sandy clay 50; hard clay 65; sandy clay 85; sand 100; sandy clay 124; sand 180; clay 200; sandy clay 240; sand 242; shale 246. Water from 246 to 247.
Con A	" 7 C. Smith	Hadco Well Drlg. & Digging Ltd.	Oct. 20, 1967	5	8	60	30	"	D, S	Topsoil 3; gravel sand 20; clay 50; hardpan 90; boulders hardpan 110; clay 125; gravel 146; brown blue limestone 155. Water at 155.
Con A	" 12 P. Lucas & Sons	Durham Drlg. & Enterprises	Aug. 24, 1967	4	10	105	105	"	D, S	Topsoil 1; sand 12; gravel 25; yellow clay 38; blue clay hardpan 75; blue shale 80; blue clay 90; blue shale 102; brown limestone 125. Water from 95 to 125.
Con A	" 14 E. Shaw	Water Well Drlg.	Sep. 14, 1967	4	10	62	58	"	S	Brown clay 20; grey clay 60; grey sand 130; soft grey clay 141; grey rock 184. Water from 150 to 184.
Con A	" 17 P. Lucas	Durham Drlg. & Enterprises	Aug. 29, 1964	4	15	55	55	"	D, S	Sand 23; hardpan 90; grey limestone 145. Water at 120 1/2 and from 142 to 145.
Con C	" 69 L. Watts	E. Keeso	Sep. 25, 1967	4	15	22	21	"	D, S	Clay boulders 95; grey clay 144; dark grey rock 153. Water from 145 to 153.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WELLINGTON COUNTY - cont.										
Minto Twp. - cont.										
Con D	lot 78 W. Dietz " 91 T. Aitken	E. Keeso	Aug. 23, 1965 May 25, 1966	4	12½ 12	24 35	20 28	Fresh	D, S D	Dug well 32; brown shale 46; brown limestone 49. Water at 49. Gravel 22; sand 8; gravel 31; shale 54; brown blue limestone 104. Water from 99 to 104.
Con D	" 93 D. Anderson	"	Dec. 1, 1965	5	15	13	7	"	D, S	Dug well 34; hard brown shale 50; hard brown limestone 76; soft blue limestone 98. Water from 83 to 98.
Con II	" 39 A. Lee	C. Keeso	Apr. 19, 1966	4	15	32	31	"	D, S	Topsoil 2; brick clay 50; sandy hardpan 90; whitish shale 140; brown limestone 156. Water from 140 to 156.
Con VII	" 31 B. Stinson	E. Keeso	Oct. 15, 1965	4	14	41	30	"	D, S	Gravel clay 14; hardpan stones 55; hard brown shale 95; blue shale 110; blue limestone 100. Water from 157 to 160.
Con IX	" 6 B. Beukema	G. Davidson	Dec. 10, 1965	4	10	35	13	"	D, S	Topsoil 1; sandy stony clay 0; clay and 57; blue shale 63; brown rock 7; brown blue rock 84; blue shale 96. Water at 96.
Con XI	" 23 H. Noble	E. Keeso	Aug. 6, 1965	4	13	42	36	"	D, S	Dark brown topsoil 3; coarse sand 18; hardpan stones 59; hard brown shale 64; soft blue limestone 140; hard blue limestone 152. Water at 146 and 152.
Con XI	" 32 K. Reidt	"	June 11, 1965	4	13½	20	19	"	D, S	Clay 3; gravel clay 59; sand clay 73; brown shale 87; brown limestone 107. Water from 103 to 107.
Con XI	" 36 A. Roth	"	Oct. 2, 1965	4	20	32	29	"	D, S	Clay stones 41; brown shale 124; hard brown limestone 131; white limestone. Water at 131.
Con XII	" 8 R. Sterritt	Durham Drig. & Enterprises Ltd.	Oct. 12, 1967	4	15	45	40	"	D, S	Topsoil 3; gravel boulders 30; sandy clay 70; gravelly clay 78; brown rock 124. Water from 90 to 124.
Con XII	" 18 P. Crispen	E. Keeso	Dec. 27, 1967	4	15	30	29	"	D, S	Dark brown topsoil 2; sandy clay 14; coarse gravel clay 52; blue shale 93; soft blue limestone hard streaks 122. Water from 119 to 122.
Con XII	" 37 L. Grummett	G. Davidson	Feb. 28, 1966	4	10	30	25	"	D, S	Gravel 14; blue clay 24; gravel sand 30; hardpan 38; sand 83; clay stones 108; brown soft shale 114; dark brown soft rock 144. Water at 144.
Con XIII	" 4 J. Murray Const. Moorefield.	Graham Well Drig.	Aug. 10, 1967	5	20	45	37	"	C	Brown clay stones 24; gravel 50; brown clay gravel 93; grey clay gravel 106; brown grey stones clay 120; gravel brown rock 163. Water at 163.
Con XIII	" 42 D. Murray	E. Keeso	Apr. 22, 1966	4	12	30	28	"	D, S	Hardpan 51; gravel clay 66; soft clay 103; white yellow shale 116; white limestone 131. Water at 131.
Con XIV	" 6 J. Manser	Water Well Drig.	June 1, 1964	7	20	50	48	"	D, S	Topsoil 3; hardpan boulders 90; gravel boulders 110; gravel 152; grey brown limestone 200. Water at 200.
Con XIV	" 11 H. Malgin	Durham Drig. & Enterprises	July 20, 1965	4	15	55	36	"	D, S	Topsoil 2; yellow sand 40; grey sand 82; brown shale 93. Water from 82 to 93.
Con XIV	" 21 L. Whetham	G. Davidson	Jan. 3, 1967	4	12	38	36	"	S	Red clay 15; sand gravel 37; gravel 43; sand gravel 59; blue shale 132; brown rock 139. Water at 139.
Con XV	" 20 H. Teune	E. Keeso	Oct. 3, 1967	4	15	38	38	"	D, S	Dug well 21; clay 38; gravel clay 69; hardpan 84; blue clay 93; blue shale 106; blue limestone 141. Water at 141.
Con XV	" 22 C. Neil	"	Jan. 14, 1966	4	13	25	23	"	D	Brown clay 3; coarse gravel 21; hardpan stones 49; brown shale 60; blue brown limestone 112. Water at 108 and 112.
Con XVI	" 13 H. Daly	Hadco Well Drilling Ltd.	Dec. 20, 1965	30	½		30	"	D	Topsoil 2; grey brown sandy loam 7; brown sand 12; light brown sand 17; grey sand 30; brown gravel 35; brown sandy gravel 40. Water from 17 to 40.
Con XVI	" 22 J. Wetham	E. Keeso	Dec. 12, 1967	4	15	41	40	"	D, S	Dark brown topsoil 2; coarse gravel boulders 38; coarse sand 90; blue brown shale 114; soft blue brown limestone hard streaks 151. Water at 145 and 151.
Con XVII	" 15 J. Callum	Hadco Well Drilling	Dec. 20, 1965	30	½		4	"	D	Brown sand 4; grey brown sand 7; brown sand gravel 12; blue clay 14. Water from 4 to 12.
Con XVII	" 34 H. Hopf	E. Keeso	Aug. 4, 1966	4	10	74	64	"	D, S	Dug well 47; clay sand 83; sand 97; gravel sand 104; brown shale 111; brown limestone 184. Water from 149 to 184.

WELLINGTON COUNTY - cont.  
Mt. Forest Town

	J. Benson	K. Mighton & Sons	Nov. 30, 1966	4	5	50	35	Fresh	D	
Nichol Twp.										
Con I	lot 61 R. McWhinney	J. Cudney	Dec. 20, 1967	4 1/2	7	60	18	Fresh	D	Clay 4; white limestone 115. Water at 115.
Con I	" 7 N.O. Sullivan	"	July 24, 1965	4 1/2	5	80	30	"	D	Sandy clay 7; grey limestone 151. Water at 151.
Con I	" 7 M. Halls	"	Oct. 17, 1967	4 1/2	5	60	32	"	D	Stony clay 4; grey limestone 95. Water at 95.
Con I	" 10 J. Pearson	"	Aug. 6, 1965	4 1/2	5	75	70	"	D	Stony clay 7; grey limestone 131. Water at 131.
Con I	" 10 W. Geiger	"	Oct. 8, 1967	4 1/2	5	30	12	"	D	Grey limestone 106. Water at 106.
Con I	" 12 R. Ritchie	Graham Well Drlg.	May 24, 1966	4 1/2	12	85	72	"	D	Topsoll 1; brown clay 35; grey clay stones 56; light grey rock 90; dark brown rock 135; light brown rock 171. Water at 70.
Con II	" 7 J. McGladery	J. Cudney	Apr. 13, 1966	4 1/2	4	80	18	"	D, S	Clay large stone 15; hardpan 33; grey limestone 178. Water at 178.
Con II	" 10 C. Stephens	"	Mar. 8, 1967	4	8	60	39	"	D	Clay large stones 30; grey limestone 96. Water at 90.
Con VI	" 5 P. Floto	A. Earley	Apr. 13, 1966	4	15	50	30	"	D, S	Topsoll 1; sandy brown clay 80; grey clay 8; brown limestone 141. Water from 120 to 140.
Con VI	" 6 A. Beattie	J. Cudney	July 1, 1967	4	8	60	18	"	D	Stony hardpan 40; clay 64; grey limestone 109. Water at 109.
Con VII	" 1 H. Bowers	Graham Well Drlg.	July 9, 1965	4 1/2	12	70	26	"	D, S	Topsoll 1; brown clay stones 15; grey clay stones 118; light brown rock 130; dark brown rock 180; grey rock 718. Water from 160 to 218.
Con VII	" 13 N. Kent	C. Hall	Dec. 20, 1967	4 1/2	15	45	20	"	D, S	Sandy clay 15; hard sticky clay 45; brown limestone 135. Water at 135.
Con VIII	" 1 G. Angst	"	Mar. 19, 1964	4	12	40	3	"	D	Clay 43; gravel 56; grey blue limestone 121. Water at 121.
Con VIII	" 1 Twp. Nichol School Board	Graham Well Drlg.	Apr. 1, 1964	6 1/2	30	60	17	Sulphur	P	Topsoll 2; clay gravel 80; brown stone 90; yellow rock 230; grey rock 248; light grey stone 262. Water from 140 to 260.
Con VIII	" 1 J. Rogers	A. Earley	Aug. 25, 1965	4	10	60	12	Fresh	D	Topsoll 2; gravel clay 53; brown rock 64; brown mud 65; brown rock 75; light blue rock 90; blue clay 95; light blue rock 100; dark brown rock 128. Water at 108 and 128.
Con VIII	" 5 P. McGee	J. Cudney	Nov. 30, 1966	4	7	45	37	"	D	Dug well 37; stony clay 49; grey limestone 119. Water at 119.
Con VIII	" 4 K. Berterg Const	C. Hall	Aug. 24, 1967	4	10	70	45	"	D	Clay 30; gravel 37; hard brown rock 106. Water at 106.
Con VIII	" 7 A. Lening	Graham Well Drlg.	Oct. 1, 1965	4	10	60	35	"	D	Loam topsoll 1; clay stones 38; light brown rock 75; dark brown rock 108; light grey rock 138. Water at 136.
Con VIII	" 13 D. Scott	J. Cudney	June 1, 1967	4	8	60	28	"	D	Brown clay 100; sand 110; grey limestone 150. Water at 150.
Con VIII	" 14 W. Butterfield	C. Hall	Aug. 18, 1967	4	10	45	12	"	D	Clay 70; gravel 65; grey limestone 156. Water at 156.
Con IX	" 1 J. Weidman	Graham Well Drlg.	Jan. 9, 1965	4	5	95	24	"	D	Brown clay stones 25; brown clay gravel 70; light brown rock 83; dark brown rock 97; dark brown rock 155. Water from 100 to 155.
Con IX	" 1 S. Kerr	"	Mar. 19, 1965	4 1/2	5	75	25	"	D	Topsoll 2; dark brown clay stones 23; light brown clay gravel 60; dark brown clay gravel 72; light brown rock 86; dark grey rock 98; dark brown rock 166. Water at 166.
Con IX	" 1 J. Dumering	"	Oct. 8, 1965	4	4	80	35	"	D	Old dug well 16; clay stone 68; brown rock 118; dark grey rock 125; dark brown rock 170. Water at 170.
Con IX	" 1 D. Denton	A. Earley	Mar. 9, 1966	4	9	60	15	"	C	Topsoll 1; sandy clay 74; broken brown rock sand 78; blue rock 92; brown mud rock 98; dark brown rock 120; mud rock 125; brown rock 163. Water at 88, 115 and 163.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WELLINGTON COUNTY - cont.										
Nichol Twp. - cont.										
Con IX lot 1	J Wynd	Graham Well Drlg.	Mar. 22, 1966	4 1/4	8	80	26	Fresh	D	Brown clay stones 35; grey clay stones 76; sand 83; blue grey rock 98; dark grey rock 110; brown rock 125; light grey rock 160; brown rock 170. Water at 125.
Con IX	" 1 D. McCrea	"	June 29, 1966	4	10	55	30	"	D	Brown clay stones 10; brown clay gravel 64; brown clay stones 83; brown clay gravel 94; grey rock 98; dark brown rock 193. Water at 193.
Con IX	" 1 J. Reinhart	J. Cudney	Feb. 9, 1967	4	6	60	15	"	D	Topsoil 1; brown clay 15; grey clay 45; hardpan 71. Water at 145.
Con IX	" 1 Brazzolt Constr	Graham Well Drlg.	May 29, 1967	4 1/4	10	70		"	D	Topsoil 1; brown clay 15; grey clay 45; light grey rock 60; brown rock 110; dark brown rock 170; dark grey rock 180. Water at 90 and 180.
Con IX	" 1 G. Lodder	Lunney well Drlg.	Sep. 14, 1967	4	8	15	Flows	"	D	Yellow clay 43; limestone grey clay streaks 54; gravel 55. Water at 55.
Con IX	" 4 G. Pinkney	Graham Well Drlg.	Jan. 17, 1964	4 1/4	9	57	29	"	D, S	Topsoil 1; brown clay gravel 18; brown clay 58; light brown rock 110; dark brown rock 129. Water from 108 to 129.
Con IX	" 14 I. Jenkinson	C. Hill	Oct. 15, 1966	4	12	45	27	"	D, S	Clay 50; gravel 65; light brown limestone 170. Water at 170.
Con X	" 1 County of Wellington	J. Cudney	June 3, 1966	5	10	40	11	"	C	Sandy clay 6; gravel clay 34; hard brown limestone 150. Water at 150.
Con X	" 1 M. VanGorman	"	Nov. 7, 1967	4	7	40	15	"	D	Sandy clay 20; stony clay 54; grey limestone 122. Water at 100.
Con X	" 3 S. Smith	"	July 27, 1967	4	10	30	12	"	D	Topsoil 10; silty clay large stones 85; grey limestone. Water at 95.
Con X	" 5 R. Crabtree	"	July 16, 1964	4	8	40	22	"	D	Clay 3; grey limestone 78. Water at 75.
Con X	" 5 J. O'Toole	C. Hill	Jan. 25, 1966	4	5	60	8	"	D	Clay gravel streaks 24; hard brown rock 81. Water at 81.
Con X	" 5 B. Searle	J. Cudney	Oct. 23, 1967	4	9	25	9	"	D	Stony clay 29; grey limestone 80. Water at 80.
Con X	" 8 Brazzolt Constr	C. Hill	Oct. 22, 1964	4	10	70	40	"	D	Clay 3; light grey limestone 50. Water at 90.
Con XI	" 1 E. Miller	Ladco Drlg.	Dec. 4, 1965	4	20		Flows	"	D	Grey clay rocks 170; gravel layers 172; gravel 120; cemented gravel 132; sand 142; blue shale 167. Water from 158 to 167.
Con XI	" 5 G. Brubaker	Durham Drlg.	Nov. 30, 1966	4	15	30	25	"	D, S	Topsoil 1; hard brown clay 50; hardpan stones 120; cemented gravel 132; sand 142; blue shale 167. Water from 158 to 167.
Con XI	" 10 J. McIntyre	J. Cudney	May 17, 1966	4	15	25	17	"	D, S	Sandy clay 100; grey limestone 155. Water at 155.
Con XI	" 15 K. Schlee	C. Hill	Nov. 14, 1964	4	28	95	17	"	D	Gravel sand 44; greyish white limestone 231. Water at 231.
Con XI	" 15 C. Murphy	J. Cudney	Apr. 3, 1967	4	10	20	"	"	D	Gravelly clay 15; grey limestone 58. Water at 58.
Con XI	" 15 A. Stimpson	"	Nov. 3, 1966	4	7	60	39	"	D	Sandy loam 20; hard gravel large stones 45; grey limestone 145. Water at 145.
Con XI	" 16 H. Brook	"	Apr. 12, 1967	4	5	60	30	"	D	Clay 3; grey limestone 91. Water at 91.
Con XI	" 17 W. Bittorf	"	May 6, 1964	4	4	90	45	"	D	Sandy clay 11; white limestone 128. Water at 128.
Con XI	" 17 D. Cawthra	"	Aug. 19, 1966	4	4	90	42	"	D	Clay 5; white limestone 150. Water at 150.
Con XI	" 18 K. Dobbertin	"	Apr. 15, 1965	4 1/4	4	60	30	"	D	Stony clay 32; grey limestone 124. Water at 124.
Con XI	" 18 G. Fisher	A. Earley	Oct. 29, 1965	4 1/2	5	100	56	"	D	Old well drilled 77; light blue rock 145; white limestone 227. Water at 227.
Con XI	" 18 A. Stafford	J. Cudney	Mar. 25, 1967	4	6	80	16	"	D	Stony clay 50; grey limestone 180. Water at 180.
Con XI	" 23 J. Stephens	C. Hill	Aug. 9, 1966	4	12	70	35	"	D	Clay 6; grey limestone 151. Water at 151.
Con XII	" 10 Gilmore Merion Blue Sod	McLaughlin Well Drlg.	May 29, 1964	10	200	140	3	"	Ir	Clay 11; sand 16; hardpan 78; shaly limestone 96; brown limestone 130; hard grey limestone 148; shaly white limestone 152; hard grey limestone 247; shaly white limestone 252. Water from 148 to 152 and from 247 to 252.
Con XII	" 19 R. Foote	C. Hill	Nov. 4, 1965	4	7	80	40	"	D, S	Clay 20; gravel clay mixed 30; grey limestone 188. Water at 188.
Con XII	" 19 A. Macdonald	"	Aug. 19, 1965	4	8	42	20	"	D	Clay well 12; clay 40; hard brown rock 112. Water at 112.
Con XII	" 19 R. Morrison	A. Earley	July 23, 1966	4	10	30	22	"	D	Clay stones 35; limestone 97; blue rock 102. Water at 58 and 97.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
WELLINGTON COUNTY - cont.										
Peel Twp. - cont.										
Con I	lot 20 A. Martin	Hadco Well Digging Ltd.	June 4, 1965	30	2	37	27	Fresh	In	Topsoil 5; clay 30; hard blue shale 35; gravel 38; clay 40. Water from 35 to 38.
Con I	" 20 O. Martin	"	June 21, 1965	30	5	30	25	"	D	Clay 12; sand 13; clay 32; sand 35. Water from 12 to 13 and from 32 to 35.
Con I	" 22 L. Bauman	McLaughlin Water Wells & Supply G. Davidson	Oct. 4, 1966	5	10	100	60	"	D	Topsoil 2; sand 35; clay sand 80; clay sand stones 120; clay hardpan 159; brown rock 162. Water from 159 to 162.
Con II	" 6 T. Wideman	"	May 12, 1964	4	12	50	36	"	D, S	Blue clay 18; sand 56; hardpan sand streaks 128; hardpan 168; blue shale 172; brown limestone 178. Water at 178.
Con III	" 7 A. Martin	Durham Drls. & Enterprises Ltd	June 9, 1966	4	10	62	60	"	D, S	Hardpan stones 135; clay 190; blue shale 201; brown limestone 207. Water from 202 to 207.
Con III	" 14 E. Weber	Hadco Well Digging Ltd.	July 30, 1966	5 1/2	15	90	60	"	D, S	Topsoil 1; brown clay 20; blue clay stones 52; gravel 55; blue clay rocks 105; white limestone 125. Water at 107, 112 and 125.
Con III	" 18 O. Shantz	"	June 17, 1965	30						Clay 30; hard clay boulders 45; sand 46; clay boulders 52. Dry hole.
Con III	" 18 J. Martin	"	Aug. 10, 1966	30	1	20	6	Fresh	D	Topsoil 4; brown sandy clay 2; fine gravel 6; blue clay stones 20. Water at 6.
Con III	" 18 R. Gingrich	"	Sep. 22, 1966	5	20	60	44	"	D, S	Erwan clay 18; blue clay 35; blue clay rocks 93; gravel 105.
Con IV	" 1 W. Humphries	"	Sep. 15, 1965	30			17	"		Water at 99.
Con IV	" 2 Grand River Conservation	Durham Drls. & Enterprises Ltd.	Dec. 1, 1965	4	10	62	56	"	D	Topsoil 1; hard brown clay hardpan 120; stones brown clay 130; gravel clay 135; hard brown rock 157. Water from 148 to 157.
Con IV	" 5 J. Visscher	Hadco Well Drlg. Digging Ltd.	Sep. 8, 1967	5	6	60	48	"	D, S	Brown clay stones 18; blue clay stones 95; blue clay hardpan 134; gravel 139; shale 139 1/2; shattered limestone 140. Water from 135 to 140.
Con V	" 6 W. VanderHazel	G. Davidson	Feb. 25, 1966	5	30	80	64	"	D, S	Topsoil 1; clay 15; hardpan 50; sand clay gravel stones 73; hardpan 11; brown white shales 121; brown hard limestone 129; blue brown soft limestone 140; brown medium hard limestone 155. Water at 155.
Con V	" 8 A. Clemmer	McLaughlin Water Well & Supply Ltd	Oct. 20, 1966	5 1/2	10	100	70	"	D, S	Topsoil 1; grey clay 25; clay hardpan 120; grey clay 135; grey hardpan 137; gravel 138. Water from 137 to 138.
Con VI	" 6 S. Snyder	"	May 29, 1967	5	10	115	107	"	D, S	Topsoil 3; grey clay sand 25; hardpan 130; loose hardpan 154; coarse sand 156. Water at 154.
Con VII	" 10 O. Martin	G. Davidson	Mar. 26, 1964	4	4	180	148	"	D, S	Blue clay 27; sand 60; hardpan 67; sand 90; hardpan 135; sand gravel 146; clay 234; bluish brown rock 285. Water at 265.
Con VII	" 10 H. Bauman	McLaughlin Water Wells & Supply G. Davidson	July 23, 1965	5	10	195	190	"	D, S	clay hardpan 90; quicksand 100; hardpan 140; quicksand 180; clay hardpan 219; gravel 220. Water at 220.
Con VIII	" 1 D. Schnieders	"	Mar. 1, 1967	4	8	87	86	"	D, S	Hardpan 32; sand 48; hardpan stones 118; shale rock brown soft 128; blue brown soft rock 153. Water at 153.
Con VIII	" 4 H. Hesselink	Water Well Drlg.	Apr. 8, 1964	4	8	60	80	"	D, S	Topsoil 3; clay 40; gravel 90; hardpan boulders 105; clay gravel 140; gravel 158; crumbling limestone 175; mixed shale limestone 222. Water at 230.
Con VIII	" 6 W. Hesselink	"	Mar. 15, 1964	4	8	75	75	"	D, S	Topsoil 3; clay 15; hardpan 40; clay 70; hardpan boulders 137; brown limestone 140; blue shale 150; mixed shale limestone 229. Water at 225.





# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST E.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Peel Twp. - cont.										
Con XV	lot 4 J. Radstake	Durham Drlg. & Enterprises Ltd.	Jan. 21, 1965	4	10	45	45	Fresh	S	Boulders 30; hardpan 110; clay 120; gravel 138. Water at 138.
Con XVI	" 3 J. Beaudin	"	Jan. 20, 1964	4	12	40	36	"	D, S	Open hole 40; clay sand 160; hardpan stones 194; sand gravel 199; brown shale 202. Water from 200 to 202.
Con XVI	" 12 A. Schneider	Graham Well Drlg.	July 12, 1967	5	10	60	40	"	D, S	Soft clay 20; hard clay stones 60; hard packed sand 120; gravel clay 124. Water from 122 to 124.
Con XVII	" 4 M. Schumacher	Durham Drlg. & Enterprises Ltd.	Jan. 30, 1967	4	15	50	10	"	D, S	Topsoil 1; clay 14; boulders 16; brown clay 73; brown hardpan 103; brown shale 167. Water from 165 to 167.
Con XVII	" 9 R. Street	Kerr's Well Drlg.	Sep. 15, 1964	4	15	45	30	"	D, S	Brown clay 72; sand clay 168; hardpan 265; limestone 269. Water from 267 to 269.
Con XVIII	" 10 J. Gainer	Durham Drlg.	Jan. 3, 1964	4	15	40	25	"	D, S	Topsoil 2; clay 20; sand 30; sandy clay 60; sand 100; sandy clay 110; sand 136; gravel 128; gravel. Water at 127.
Con XIX	" 9 S. Ziemann	"	Dec. 2, 1967	4	20	35	32	"	D, S	Topsoil 3; gravel 3; clay 60; sandy clay 100; quicksand 110; sand gravel 160; stony clay 200; sand 210; stony clay 223; fine gravel 226. Water at 210 and 223.
Falkington Twp. Grand River East Section										
GRE Con I	" 2 L. Kloppek	C. Hill	June 17, 1967	4	8	75	30	"	D, S	Clay gravel mixed 60; gravel 80; grey blue limestone 200. Water at 200.
GRE Con I	" 7 Ont. Dept. of Agriculture	C. Goodberry	Feb. 9, 1967	6	10	125	36	"	D	Hard brown clay pebbles 33; quicksand 35; hard brown clay pebbles 68; brown limestone 113; white limestone 130; brown limestone 167. Water at 75 and 160.
GRE Con I	" 8 Ont. Dept. of Lands & Forests	"	Apr. 29, 1967	6	60	48	9 1/2	"	P	Topsoil 1; hard brown clay pebbles 25; grey silt 52; hard grey clay pebbles 69; brown limestone 162. Water from 75 to 120.
GRE Con I	" 12 J. Randall	C. Hill	Sep. 4, 1967	4	10	45	24	"	D	Very stony clay gravel streaks 30; clay 80; gravel 112; hard dark grey rock 160. Water at 160.
GRE Con I	" 13 H. Wallace	Graham Well Drlg.	June 24, 1965	4 1/2	10	50	18	"	D	Topsoil 1; brown clay stones 25; grey clay 74; broken rock 90; brown rock 115; grey rock 155; brown rock grey rock 155; brown rock grey streaks 205. Water at 155.
GRE Con I	" 14 W. Keating	J. Cudney	Nov. 19, 1966	4	7	25	12	"	D	Dug well 30; stony clay 65; grey limestone 108. Water at 108.
GRE Con I	" 14	"	Dec. 30, 1966	4	7	40	8	"	D	Dry well 7; stony clay 78; hard brown limestone 149. Water at 140.
GRE Con I	" 15 W. Terpstra	Graham Well Drlg.	Nov. 26, 1966	4 1/2	8	80	28	"	D	Topsoil 1; brown clay small stones 20; grey clay small stones gravel 74; light brown rock 85; grey rock 100; medium dark brown 168; grey rock 190; dark brown rock 227. Water at 85 and 227.
GRE Con I	" 15 O. Schroefel	"	June 27, 1967	4 1/2	6	70	20	"	D	Topsoil 1; brown clay stones 10; grey clay stones 72; light grey rock 90; dark grey rock 110; brown rock 182. Water at 182.
GRE Con I	" 15 R. Hamilton	"	Oct. 17, 1967	4 1/2	8	60	25	"	D	Topsoil 1; brown clay stones 35; grey clay stones 80; brown rock 92; grey rock 125; brown rock 180. Water from 70 to 80.
GRE Con I	" 16 D. Wright	J. Cudney & Son	July 25, 1964	4 1/2	11	55	24	"	D, S	Sandy clay 65; brown limestone 135. Water at 135.
GRE Con I	" 17 J. Miller	Graham Well Drlg.	May 4, 1967	4	10	60	37	"	D	Topsoil 2; brown clay stones 20; brown clay gravel 92; brown rock 99; black rock 135; brown rock 147. Water at 144.
GRE Con I	" 17 E. Kerr	"	June 20, 1967	4	6	70	50	"	D	Topsoil 1; brown clay gravel 25; grey clay gravel 92; light brown rock 115; grey rock 142; brown rock 200. Water at 110, 155, 200.

WELLINGTON COUNTY - cont.  
 Pilkington Twp. - cont.  
 Grand River East Section cont.  
 GRE Con I lot 17 P.Goods

GRE Con I	" 17 P. Quinton	Graham Well Drlg.	July 21, 1967	4	8	70	42	Fresh	D	Topsoil 1; brown clay stones 25; grey clay stones 90; light brown rock 98; grey rock 110; dark brown rock 141. Water at 140.
GRE Con I	" 17 P. Quinton	"	July 6, 1967	4	12	60	31	"	D	Topsoil 1; brown clay stones 24; grey clay stones 82; light grey rock 94; light brown rock 108; dark grey rock 118. Water at 118.
GRE Con I	" 18 T. Myhill	C. Hill	June 28, 1967	4	5	80	16	"	D	Clay 40; gravel 59; hard dark grey rock 136. Water at 136.
GRE Con I	" 18 J. Ayres	"	July 4, 1967	4	10	45	10	"	D	Clay 40; gravel 63; hard grey rock 100. Water at 100.
GRE Con I	" 18 D. Willard	Graham Well Drlg.	Aug. 5, 1966	5	15	80	11	"	D	Topsoil 1; brown clay stones 15; grey clay stones 70; broken rock 76; light brown rock 115; grey rock 147; dark brown rock 215. Water at 90 and 215.
GRE Con I	" 18 G. Bugden	"	May 30, 1967	4	12	70	16	"	D	Topsoil 1; brown clay 10; grey clay 68; dark grey rock 98. Water from 68 to 98.
GRE Con I	" 18 P. Fitchitt	J. Cudney	Dec. 1, 1967	4	8	25	9	"	D	Stony clay 50; sand 57; black limestone 78. Water at 75.
GRE Con II	" 5 J. Kirty	Advanced Farming Systems Ltd.	Feb. 14, 1966	5	5	100	15	"	D, S	Clay loam 5; gravel boulders 57; clay 60; limestone 122. Water from 65 to 122.
GRE Con II	" 5 R. Hall	C. Hill	Feb. 1, 1967	4	7 $\frac{1}{2}$	70	20	"	D	Stony gravel 40; fine sand 67; grey limestone 160. Water at 160.
GRE Con II	" 7 Ont. Dept. of Agriculture	C. Goodberry Well Drilling Ltd.	Mar. 3, 1967	6	60	84	30	Sulphur	D, S	Topsoil 2; brown clay 24; quicksand 39; hard brown clay pebbles 50; grey silty sand 87; gravel 92; fine brown sand 94; brown limestone 177. Water from 100 to 177.
GRE Con II	" 14 E. Fischer	J. Cudney	June 8, 1966	4	10	32	25	Fresh	D	Stony clay 72; grey limestone 115. Water at 115.
GRE Con II	" 14 W. Mascola	C. Hill	Mar. 8, 1967	4	5	85	20	"	D	Hard clay 84; brown limestone 125; hard flint 183. Water at 183.
GRE Con II	" 14 R. Schnurr	"	Oct. 24, 1967	4	8	65	25	"	D	Clay 40; gravel 68; dark grey limestone 104. Water at 104.
GRE Con II	" 14 R. Xeller	J. Cudney	Oct. 27, 1967	4	6	60	15	"	D	Stony clay 74; grey limestone 113. Water at 113.
GRE Con II	" 14 E. Langman	"	Nov. 27, 1967	4	9	40	18	"	D	Stony clay 50; hard sand 67; dark brown limestone 110. Water at 110.
GRE Con II	" 15 N. Runstadtler	Graham Well Drlg.	July 28, 1967	4	4	80	7	"	D	Topsoil 1; brown clay stones 34; gravel sand 38; grey clay gravel 55; light grey rock 138; dark brown rock 142. Water at 140.
GRE Con II	" 17 M. Richards	A. Earley	Aug. 24, 1966	4	15	80	60	"	D	Sand stones 30; clay stones 50; sand 100; limestone 115; black rock 141. Water at 125 and 141.
GRE Con II	" 17 J. Becking	"	Oct. 25, 1966	4	15	65	56	"	D	Sand 50; clay sand 80; hard packed sand 96; blue rock 108; green rock mud 111; black rock 125. Water at 119 and 125.
GRE Con II	" 17 R. McDartney	Graham Well Drlg.	July 26, 1967	4	12	85	50	"	D	Topsoil 1; fine sand stones 35; grey clay stones 92; light brown rock 105; dark grey rock 130; dark brown rock 141. Water at 141.
GRE Con III	" 4 P. Dawes	A. Earley	Sep. 3, 1965	4	12	60	50	"	D	Stones clay 15; sand gravel clay 30; sand 60; gravel 68; brown rock clay streaks 76; dark blue rock 85; light brown rock 95; grey rock 98. Water at 84 and 97.
GRE Con III	" 4 V. Gromlinsky	"	Oct. 18, 1967	4	10	55	50	"	D	Clay stones 50; hard packed gravel 60; dark blue rock 85. Water at 72 and 85.
GRE Con III	" 9 P. Weedick	Graham Well Drlg.	Dec. 5, 1967	5	7	110	35	"	D, S	Sand stones 50; clay gravel 95; clay sand gravel 106; hard packed sand 107; brown rock 125; light brown rock 162; dark brown rock 170; brown black rock 212; dark grey rock 224. Water at 172 and from 220 to 224.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WELLINGTON COUNTY - cont.										
Parkington Twp. - cont.										
Grand River East Section										
GRE Con III lot 11	Kurtz Produce Ltd.	Graham Well Drig.	Feb. 21, 1967	5	10	60	12	Fresh	D	Well pit 4:stones gravel 18; stones clay 75;broken limestone 81;brown limestone 108;darkbrown stone 154. Water at 150.
GRE Con III	" 16 E. Martin	C. Hall	Feb. 15, 1967	4	10	40	18	"	D	Sandy clay 25;hard clay 94;grey rock 140;hard brown rock 171. Water at 171.
GRE Con IV	" 15 K. Weber	Graham Well Drig.	Feb. 16, 1965	4 1/2	10	30	20	"	D	Clay stones 96;white limestone 105;dark brown rock 142;dark brown rock 150. Water at 144.
GRE Con IV	" 17 J. Collett	Lone Star Well Drig.	Aug. 6, 1967	30	5	40	30	"	D	Topsoil clay 5;blue clay 50;sand 54. Water at 40.
GRE Con IV	" 18 R. Iehman	" Digging	Apr. 3, 1965	4	12	25	13	"	"	Topsoil 1;clay 69;brown limestone 100. Water at 80 and 100.
GRE Con IV	" 18 N. Lauber	A. Earley	Aug. 22, 1966	5	12	41	30	"	D, S	Boulder clay 25;hardpan 61;clay 85;hardpan 90;blue rock 160. Water from 145 to 160.
GRE Con IV	" 18 D. Jacobson	McLaughlin Water Wells Supply Ltd.	Mar. 30, 1967	7	15	43	27	"	D	Topsoil 1;sandy soil 10;gravel 15;hardpan 64;limestone 87. Water from 83 to 87.
GRE Con IV	" 18 C. Entwistle	A. Earley	Dec. 7, 1967	4	15	20	Flows	"	D	Clay 6;clay stones 22;sandy clay 35;grey clay 50;sand 65; limestone 80;blue rock 87. Water at 80 and 87.
GRE Con V	" 12 W. Hall	Durham Drig.	Apr. 9, 1964	4	15	22	20	"	D, S	Open hole 5;clay 20;sand 25;sandy clay 78;sand 80;clay 82;sand 88;fine sand 93;coarse gravel 94. Water from 78 to 80 and from 93 to 94.
GRE Con V	" 16 G. Lehnman	A. Earley	Nov. 28, 1966	4	12	80	39	"	D	Gravel clay 10;clay 50;sandy clay 90;gravel hard packed 100; brown soft rock 106;gray rock 136. Water at 121 and 136.
GRE Con V	" 17 J. Schaefer	Graham Well Drig.	Mar. 30, 1967	4 1/2	8	80	16	"	D	Gravel fill 2;soil 10;brown clay stones 65;grey clay stones 95;gravel stones cemented 110;light brown rock 136;brown rock 148. Water at 115 and 148.
Grand River West Section										
GRE Con A lot 2	K. Pritchard	J. Cudney	June 15, 1965	4 1/2	4 1/2	95	35	Fresh	D	Stony hardpan 69;grey limestone 200. Water at 200.
GRE Con A	" 4 Grand Valley Cons. Authority	Graham Well Drig.	June 12, 1964	6 1/2	60		Flows	"	P	Light brownstone 90;light grey limestone 187;white limestone 290;dark grey limestone 320;dark brown limestone 330;grey limestone 340. Water from 332 to 340.
GRE Con B	" 11 E. Friedman	Graham Well Drig.	May 14, 1964	5	10	110	90	"	D, S	Clay loam 4;fine brown sand 7;soft clay gravel 110;stone hardpan 128;blue rock 132;dark grey rock 168. Water at 165.
GRE Con I	" 15 Centre Wellington Concrete	"	June 2, 1967	5	20	60	18	"	C	Fill gravel pit 3;fine brown sand 7;clay small stones 43; brown rock 70;light brown rock 180; dark brown rock 253; light brown rock 268. Water from 200 to 264.
GRE Con V	" 2 J. Hornsby	G. Davidson	Feb. 9, 1965	4	10	72	52	"	D, S	Clay 5;hardpan 22;sand 43;hardpan 53;sand 63;hardpan 140; gravel 141;hardpan 159;gravel 160. Water at 160.
GRE Con V	" 3 E. Martin	"	Apr. 20, 1964	8			Flows	"	S	Red clay 8;sand gravel 55;hardpan gravel 75;sand gravel 147; green shale 157;loose white rock 175;shales 194; loose rock 201;dark brown rock 248. Water at 75 and 248.
GRE Con V	" 4 K. Shantz	"	July 2, 1965	4			"	"	S	Clay 41;sand gravel 95. Water at 95.
GRE Con VI	" 15 E. Stelling	Durham Drig.	Nov. 19, 1966	4	12	40	12	"	D, S	Topsoil 1;hardpan boulders 44; brown hardpan 82;brown shale 128. Water from 120 to 128.
GRE Con VI	" 18 M. McLeod	Enterprises Ltd. Graham Well Drig.	Dec. 29, 1964	5	10	40	27	Sulphur	D, S	Old dug well 20;fine brown sand 24;clay gravel 106;hard packed sand 114;stony hardpan 129;blue broken stone 136;grey black stone 166. Water at 164.
Puslinch Twp.										
Con I lot 2	C. Selfert	Graham Well Drig.	Oct. 20, 1964	5	30	20	5	Fresh	D	Old dug well 8;fine loose sand 35;hard packed grey sand 85; heavy grey gravel 95. Water at 95.
Con I	" 2 C. Schneider	P. Ince	Nov. 28, 1966	6 1/2	20	60	3	"	D	Brown clay 10;brown sandy clay 80;fine gravel 82. Water at 82.
Con I	" 2 Thorne	"	Dec. 1, 1966	6 1/2	20	80	15	"	D	Brown clay 4;blue sandy clay 95;gravel 105. Water at 105.
Con I	" 2 G. Davidson	Graham Well Drig.	Feb. 20, 1967	4	10	35		"	D	Topsoil 1;sandy gravel 45;sandy clay 80;gravel clay 98;sand 115;gravel 120. Water at 120.



WELLINGTON COUNTY - cont.									
Fuslinch Twp. - cont.									
Con	I	lot 2	R.Barber &	Graham Well Drlg.	Aug. 9, 1966	4	10	28	20
Con I	3	A.Newlands	Banes Drlg. Co.		Mar. 25, 1964	30	10	10	7½
Con I	3	R.Waller	Kerr's Well Drlg.		Apr. 5, 1966	5	20	19	7
Con I	3	L.Hann	G.Wallis		Dec. 9, 1966	6½	25	18	7
Con I	4	L.McLogen	"		Sep. 19, 1967	6½	20	20	8
Con I	5	H.Winkles	McLaughlin Water Wells & Supply		Sep. 15, 1964	7	18	15	13
Con I	5	P.Richardson	Hedco Well Dig- ging		Sep. 17, 1965	36	15	10	10
Con I	5	W.Mertz, Mertz Plumbing	W.Packham		Oct. 14, 1967	6½	30	40	22
Con I	6	A.MacMillan	"		June 27, 1966	6½	30	55	50
Con I	7	J.Buczynski	"		Oct. 1, 1966	6½	20	50	40
Con I	9	L.Evans	"		Jan. 15, 1964	6½	20	25	11
Con II	23	R.McMillan	Graham Well Drlg.		Jan. 29, 1964	5	12	15	6
Con II	5	B.Goodburn	"		Jan. 30, 1964	5	12	15	5
Con II	5	M.Eggert	"		Aug. 28, 1964	6½	3	65	5
Con II	5	G.Wakefield	S.Gill		Mar. 4, 1966	6½	10	7	2
Con II	5	O.Hoermann	Graham Well Drlg.		May 19, 1965	5	10	15	9
Con II	7	A.Camble	A.Earley		Feb. 24, 1964	8	30	70	25
Con II	8	Ont. Dept. of Highways	"		Feb. 20, 1964	8	25	85	30
Con II	9	"	"		June 8, 1966	5	12	68	42
Con II	10	Ont. Dept. of Lands & Forests	C.Shantz		Mar. 1, 1966	6½	20	60	39
Con II	11	G.McClean	G.Wallis		Sep. 1, 1966	4	10	35	32
Con II	14	W.Job	Graham Well Drlg.		Dec. 7, 1966	4	10	55	38
Con II	16	J.Allardroye	A.Earley		Jan. 24, 1964	6½	20	40	20
Con II	24	K.Martin	W.Packham		May 28, 1965	5	20	15	2
Con II	25	T.Lesor	Graham Well Drlg.		Aug. 28, 1967	6½	8	100	2
Con III	1	Slovenien Park	S.Gill		Nov. 8, 1967	6½	20	90	42
Con III	2	J.W. Kruger	G.Wallis		May 14, 1967	6½	20	37	33
Con III	8	A.Boreham	W.Packham						

Topsoil 2; brown clay stones 12; brown sand gravel 35; dark brown sand 63; light brown sand gravel 92. Water at 94.  
 Topsoil 2; pit run 7; coarse brown sand 15. Water at 7.  
 Stony clay 10; sandy clay 18; hard blue clay 38. Water at 27.  
 Gravelly brown clay stones 11; sand gravelly brown clay 24;  
 gravelly grey clay 39; fine gravel 40. Water at 39.  
 Brown sand gravelly clay 16; sand gravelly clay 24; sand fine gravel 34. Water from 24 to 34.  
 Dug well 15; clay 45; hardpan 58; grey rock 108. Water at 108.  
 Cobblestone caving gravel 9; gravel 12. Water at 9.  
 Clay stones 40; brown sand 75; grey sand gravel 78; coarse gravel 81. Water at 81.  
 Stony clay 35; sand gravel clay 90; sand 105; hardpan 115; coarse gravel sand 122. Water at 120.  
 Sandy clay stones 35; clay gravel 95; muddy sand 105; sand gravel 110. Water at 110.  
 Dug well 12; sand gravel clay 54; limestone 75. Water at 72.  
 Topsoil gravel 3; grey clay sand 18; brown sand 63; pea-stone gravel 66. Water at 66.  
 Topsoil 2; brown clay sand 18; brown sand 68; light brown rock 70. Water at 70.  
 Topsoil 8; sand stones 10; fine sand 55; sand gravel 70; gravel 72. Water at 72.  
 Land fill 2; coarse gravel 7; fine brown sand 18; blue clay 33; fine grey sand 39; clay fine sand 41. Water from 34 to 36.  
 Stones clay 5; stones clay gravel 38; gravel 40. Water at 40.  
 Topsoil 1; brown clay boulders 30; coarse brown sandy gravel stones 95; grey clay boulders 105. Water from 63 to 95.  
 Brown clay boulders 35; coarse brown sand gravel 93. Water from 65 to 93.  
 Topsoil 2; boulders dirty gravel 22; silty sandy clay gravel 65; clay gravel 106; cemented gravel 111; chalky coloured rock 134. Water from 126 to 135.  
 Gravelly brown clay stones 24; brown sand fine gravel 68; sand gravel grey silt 98; fine gravel 99½. Water at 98½.  
 Brown clay stones 25; brown sand gravel 98; brown sand stones 102; brown sand 115; light brown rock 150. Water at 146.  
 Topsoil 1; stones clay 30; clay 60; gravel clay 72; gravel 80½. Water at 80.  
 Stones gravel 40; sand clay 59; limestone 75. Water at 72.  
 Gravel stones 20; fine sand clay 52; brown stone 88; dark brown stone 91. Water at 90.  
 Sandy clay 25; rock 139. Water at 110.  
 Brown sand 12; sandy brown clay 45; gravelly grey clay 78; white limestone 122. Water at 120.  
 Stones gravel 35; sandy clay small stones 85; sand gravel 90; silty sand 92; rock 96. Water at 94.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Fuslinch Twp. - cont.										
Con III	C. Magoon	W. Packham	Sep. 16, 1965	6 1/2	20	42	40	Fresh	D, S	Sandy clay gravel 45; silty clay gravel 90; boulders stones clay gravel 120; bedrock 132. Water at 125.
Con III	"	"	June 24, 1965	6 1/2	15	90	19	"	D	Gravel clay 20; clay fine gravel sand 60; hardpan 95; rock 110. Water at 107.
Con III	D. McDonald	A. Earley	Jan. 15, 1965	4	10	25	15	"	D	Dug 12; stones clay 17; fine sand 94; pea gravel 96. Water at 26.
Con III	J. Evans	W. Packham	Dec. 13, 1966	6 1/2	20	60	55	"	D	Fit 3; sandy clay gravel stones 25; sandy clay fine gravel 100; sand 108; gravel 110. Water at 110.
Con III	T. Aikens	"	Dec. 6, 1965	6 1/2	30	21	21	"	D	Sand 108; gravel 110. Water at 110.
Con III	H. Purpuson	"	Mar. 26, 1964	4	10	45	25	"	D	Fit basement 4; sandy clay gravel 58; bedrock 63. Water at 60.
Con IV	S. Simkins	C. Hill	July 4, 1967	4	10	60	40	"	D	Sandy clay 30; gravel sand 48; grey limestone 126. Water at 126.
Con IV	S. Hutchison	Graham Well Drlg.	July 4, 1967	4	10	60	40	"	D	Clay stones 20; fine brown sand 30; clay gravel 110; fine grey sand 121; grey rock 131; brown rock 168; dark brown rock 180; brown black rock 186. Water from 180 to 185.
Con IV	J. Becker	W. Packham	June 28, 1967	6 1/2	25	30	18	"	D	Coarse gravel 15; clay gravel 25; soft clay sand gravel 99; limestone 112. Water at 109.
Con IV	J. Hewer	"	July 29, 1964	6 1/2	14	100	16	"	D, S	Gravel clay 25; sand clay gravel 80; bedrock 130. Water at 125.
Con V	D. Lisso	C. Hill	July 15, 1966	4	10	65	32	"	D	Clay sand mixed 40; light grey rock 100. Water at 100.
Con V	R. Barendell	"	Dec. 7, 1966	4	10	60	28	"	D	Hard gravel stones 16; light grey limestone 105. Water at 105.
Con V	Langdon Estate Farms	Graham Well Drlg.	Oct. 27, 1966	5	15	24	15	"	D, S	Brown clay stones 10; brown clay gravel 32; brown clay stones 37; light brown rock 75; dark brown rock 105. Water at 98.
Con V	C. Brook	A. Earley	Oct. 28, 1967	4	10	50	25	"	D	Sand clay stones 30; red sand 55; fine sand 110; light brown rock 125. Water at 115 and 125.
Con V	S. Snyder	Graham Well Drlg.	Dec. 23, 1965	5	15	100	65	"	D	Clay gravel stones 65; sandy hardpan 85; fine brown sand 90; broken rock 95; brown rock 170; dark rock 210; dark grey rock 215 Water at 110.
Con V	F. Johnston	A. Earley	Apr. 27, 1964	4 1/2	8	25	9	"	D, S	Dug 14; gravel 16; sandy clay 60; light brown rock 89. Water at 89.
Con V	A. McWilliams	"	Dec. 24, 1964	4	9	50	12	"	D	Dug 14; fine sand 60; gravel 72; brown rock 84; blue rock 90; black rock 94. Water from 87 to 92.
Con VI	W. Boos	"	June 2, 1967	4	10	70	60	"	D	Stones clay 21; sandy clay 50; sand 74; limestone broken rock 95. Water at 95.
Con VII	T. Steffler	Graham Well Drlg.	Nov. 25, 1964	4	8	80	60	"	D, S	Dug well 24; light brown clay gravel 48; light brown stones 53; dark brown clay 64; light brown rock 83; dark brown rock 110. Water at 103.
Con VII	A. Moody	C. Hill	Jan. 10, 1964	4	6	80	18	"	D	Gravel sand 52; brown limestone 99. Water at 99.
Con VII	Corp. City of Guelph	Graham Well Drlg.	Jan. 5, 1967	12	1000	31	5	"	P	Brown clay gravel stones 10; grey clay gravel fine sand 39; light brown rock 52; dark brown rock 75; black rock 94; dark grey rock 99; dark grey broken rock 102; dark grey solid rock 160; dark brown grey rock 169; dark grey rock 216; grey rock 256; blue shale. Water at 46, 52, 75, from 99 to 102, 112 to 118; at 158 and from 180 to 181 and 199 to 210.
Con VII	City of Guelph	"	Nov. 3, 1966	12	103	192	5	Fresh	P	Stones gravel 20; gravel 23; fine clay sand stones 43; light brown broken rock 45; light brown rock 99; dark brown rock 135; dark grey rock 175; light grey rock 235; grey blue rock 270; blue shale 271. Water from 200 to 271.

WELLINGTON COUNTY - cont.									
Fusilich Twp. - cont.	lot 7	D. Close	A. Earley	Mar. 19, 1964	5	10	15	3	Fresh
Con VII									
Con VII	" 8	T. Martini	"	Oct. 22, 1967	4	15	15	10	"
Con VII	" 8	J. Ferraro	"	Jan. 6, 1964	4	12	20	10	"
Con VII	" 8	R. Vandyk	"	Jan. 25, 1964	4	10	25	10	"
Con VII	" 8	H. Cicceri	"	Jan. 30, 1964	4	6	35	5	"
Con VII	" 8	H. Norton	"	Feb. 21, 1964	4	10	25	11	"
Con VII	" 8	T. Farrell	"	May 13, 1965	4	20	19	8	"
Con VII	" 8	A. Baldosso	"	June 14, 1965	4	10	40	11	"
Con VII	" 8	K.V.M. Constr.	"	July 13, 1967	4	15	40	8	"
Con VII	" 8	G. Brundrett	"	Aug. 22, 1964	4	12	35	11	"
Con VII	" 10	W. Yates	"	Sep. 28, 1964	4	8	80	25	"
Con VII	" 12	J. Duncan	Graham Well Drig.	Sep. 1, 1967	5	10	80	67	"
Con VII	" 13	V. Campagnaro	A. Earley	May 10, 1965	4	12	60	50	"
Con VII	" 14	W. Milburn	"	Sep. 1, 1967	5	12	56	50	"
Con VII	" 16	S. Walker	Graham Well Drig.	Apr. 9, 1964	4½	7	98	55	"
Con VII	" 16	B. Ruczynski	"	Aug. 28, 1964	4	10	100	65	"
Con VII	" 17	Camp Site of People's Church	W. Packham	May 11, 1966	6½	20	60	41	"
Con VII	" 19	G. Baukham	"	Aug. 24, 1967	6½	25	45	29	"
Con VII	" 20	J. Coburn	"	Nov. 3, 1966	6½	20	45	21	"
Con VII	" 20	B. Stewart	"	Jan. 22, 1964	6½	25	60	53	"
Con VII	" 21	J. Riley	"	July 20, 1967	6½	20	40	14	"
Con VII	" 23	J. Tully	"	Aug. 25, 1965	6½	10	25	2	"
Con VII	" 24	Aberfoyle Sand	Hadco Well Digging Ltd.	July 1, 1964	30	8	25	18	"
Con VII	" 26	R. Winkel	W. Packham	Mar. 5, 1964	6½	30	30	24	"
Con VII	" 26	J. Liscomb	"	Oct. 19, 1966	6½	20	60	40	"
Con VII	" 26	Laidlaw	Graham Well Drig.	Aug. 16, 1966	5	50	80	42	"
Con VII	" 30	K. Crow	W. Packham	Sep. 11, 1965	6½	30	30	24	"
Con VII	" 30	K. Crow	W. Packham	Sep. 11, 1965	6½	30	30	24	"

Fill 3; clay stones 15; sand clay 37; coarse gravel 39. Water at 39.  
 Stones gravel 28; brown limestone 61. Water at 52 and 61.  
 Rough gravel 36; brown limestone 85. Water at 85.  
 Gravel sand 38; grey limestone 92. Water at 92.  
 Gravel 40; grey limestone 95. Water at 95.  
 Stony gravel 40; brown limestone 93. Water at 93.  
 Stones gravel 15; sand clay 35; light brown limestone 75. Water at 52 and 75.  
 Stony gravel 40; brown limestone 94. Water at 94.  
 Stony gravel 34; grey limestone 85. Water at 85.  
 Previously dug well 9; clay 32; brown limestone 84. Water at 84.  
 Stones gravel 20; sandy clay 50; gravel 55; sand 87; brown limestone 117. Water at 95 and 117.  
 Brown clay stone 7; brown clay gravel 60; brown clay sand 65; dark brown clay gravel 105; light brown clay gravel 146; light brown clay gravel 161; light brown rock 160; dark brown clay rock 210; light grey rock 225. Water at 200.  
 Clay 15; stony clay 98; cemented gravel 102. Water from 99 to 102.  
 Stones clay gravel 40; sand 45; gravel 51; sand 60; stones gravel 27. Water at 67.  
 Dug well 40; dark brown gravel 63; light brown gravel 84; gravel stones 93; light brown gravel stones 116; brown rock 152. Water at 152.  
 Topsoil 1; brown clay gravel 43; gravel big stones 101; grey clay gravel 119; dark brown rock 132; light brown rock 151. Water at 145.  
 Stony clay gravel 88; shale 90. Water at 89.  
 Dry muddy sand 15; stones gravel 20; clay gravel 65; sand gravel 71; rock 72. Water at 71.  
 Sandy clay stones gravel 30; hardpan 54; limestone 65. Water at 62.  
 Stony clay 35; sandy clay 85; gravel 90; limestone 93. Water at 90.  
 Gravel sand 83; sandy clay 35; hardpan 49; rock 60. Water at 57.  
 Clay small stones gravel 25; white limestone 42. Water at 25.  
 Topsoil 2; sand gravel 25. Water at 18.  
 Dug well 24; sandy clay gravel 70; gravel 72. Water at 72.  
 Soft sandy clay stones 30; hard clay gravel 60; sand 65; sand gravel 65. Water at 68.  
 Topsoil 1; brown clay stones 35; brown clay gravel 50; grey clay 75; dark brown rock 100. Water at 85.  
 Basement 4; clay gravel 60; silty clay sand gravel 83; bedrock 85. Water at 84.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Fuslinch Twp. - cont.										
Con VII	D.Redwood	W.Packham	July 18, 1966	6 1/2	20	80	70	Fresh	D	Sandy clay 35;sand gravel clay 110;limestone 119. Water at 116.
Con VII	E.&W. Smith	A.Earley	Mar. 10, 1965	4	10	90	80	"	D	Stones clay gravel 10;stones clay 15;gravel clay 100;gravel fine sand 102;brown clay 110;blue clay 113;sand 120;coarse gravel 125. Water at 100 and 125.
Con VII	F.Metcalf	W.Packham	Nov. 8, 1967	6 1/2	25	95	90	"	D	Stone gravel clay 40;gravel clay 90;sand clay 120;gravel 123; bedrock 132. Water at 123 and 130.
Con VII	R.McDonald	"	June 23, 1964	6 1/2	20	40	30	"	D	Sandy loam gravel 30;gravel 60;sandy clay 88;rock 90. Water at 88.
Con VII	J.Clare	"	Sep. 9, 1966	6 1/2	20	45	35	"	D,S	Dug well 45;muddy sand 88;hardpan hard clay coarse gravel 86; bedrock 100. Water at 98.
Con VII	J.Mast	"	Jan. 9, 1964	6 1/2	10	50	16	"	D	Dug well 10;sand gravel clay 43;limestone 73. Water at 70.
Con VII	H.Sutton	"	Jan. 13, 1964	6 1/2	20	40	38	"	D,S	Dug well 30;sand gravel clay 36;limestone 95. Water at 94.
Con VII	L.Hillsley	J.Cudney & Son	Mar. 23, 1964	4 1/2	11	50	32	"	D	Sandy clay 17;hard clay 62;grey limestone 119. Water at 119.
Con VII	B.Lemon	C.Hill	May 22, 1965	4	3 1/2	80	35	"	D	Clay stones 40;hard gravel stones 69;brown limestone 128. Water at 128.
Con VII	T.Martin	"	Aug. 27, 1965	4	4	85	40	"	D	Clay 67;brown limestone 144. Water at 144.
Con VII	D.Johnson	"	Aug. 8, 1964	4	4	85	35	"	D	Gravelly clay boulders 30;clay 66;light brown limestone 134. Water at 134.
Con VIII	D.DeCorso	Graham Well Drlg.	Oct. 7, 1966	5	15	70	32	"	D,S	rock well 36;brown clay gravel 57;dark brown rock 98;dark black rock 135;dark grey rock 150. Water at 145.
Con VIII	M.Staples	"	Nov. 3, 1965	4 1/2	8	75	45	"	D,S	Topsoil 1;brown clay stones 35;grey clay stones 75;sand 80; grey clay 90;light brown rock 115;dark brown rock 120. Water at 120.
Con VIII	A.Turtin	"	May 14, 1965	4 1/2	12	70	47	"	D	Topsoil 1;brown clay stones 35;grey clay gravel 105;dark brown rock 115;black rock 136. Water at 136.
Con VIII	Kennelly Const.	"	Dec. 6, 1965	4 1/2	6	80	45	"	D	Topsoil 1;brown clay stones 35;grey clay stones 45;fine sand 50;grey clay 85;coarse sand gravel 95;dark brown rock 130;grey sand 140. Water at 140.
Con VIII	G.Berry	A.Earley	June 11, 1964	4 1/2	15	10	8	"	D	Sand stones 10;sand 25;blue clay 57;light brown limestone 70. Water at 70.
Con VIII	W.Scott	"	July 21, 1964	4 1/2	20	15	6	"	D	Sand stones 20;clay stones 39;gravel 44;light brown limestone 65. Water at 65.
Con VIII	Cerniuk Constr.	Graham Well Drlg.	Nov. 25, 1965	4 1/2	20	25	10	"	D	Topsoil 1;grey clay gravel 35;coarse sand 50;brown clay sand 55;light brown rock 80. Water at 80.
Con VIII	D.Borin	C.Hill	Feb. 26, 1964	4	10	35	12	"	D	Stony gravel 36;brown limestone 94. Water at 94.
Con VIII	Brock Road Christian Church	Graham Well Drlg.	July 6, 1964	4 1/2	8	70	55	"	P	Topsoil 1;brown clay stones 60;sand 65;grey clay 101;brown rock 115;dark brown rock 134. Water from 130 to 134.
Con VIII	F.Sommer	A.Earley	Sep. 12, 1964	4 1/2	10	75	40	"	D	Stones clay 35;sandy clay 42;hard packed gravel 64;sandy clay 99;gravel clay 102;brown rock 120;blue rock 130. Water at 120 and 130.
Con VIII	Kennelly Const.	"	Dec. 3, 1964	4	10	20	12	"	D	Stones clay 15;gravelly clay 40;light brown rock 60. Water at 60.
Con VIII	W.Robertson	"	Dec. 8, 1964	4	10	25	13	"	D	Clay stones 15;stones gravel clay 49;light brown rock 72. Water at 54 and 72.
Con VIII	G.Bogle	"	Feb. 3, 1965	4	12	30	12	"	D	Stones clay 10;sand 50;gravel 55;cemented gravel 60. Water at 60.
Con VIII	Kero Constr.	C.Hill	Feb. 16, 1965	4	10	60	8	"	D	Very rough gravel 46;brown limestone 78. Water at 78.

WELLINGTON COUNTY - cont.									
Fuslinch Twp. - cont.									
Con VIII	lot 7	Kennelly Const.	Graham Well Drlg.	June 9, 1965	4 1/2	10	60	25	Fresh
Con VIII	"	"	"	June 16, 1965	4 1/2	10	59	24	"
Con VIII	"	"	"	July 24, 1965	4	12	45	7	"
Con VIII	"	Kero Constr.	C. Hall	Aug. 2, 1965	4	10	15	6	"
Con VIII	"	Crewgal	A. Earley	Aug. 7, 1965	4	15	12	5	"
Con VIII	"	Properties	"	Nov. 24, 1965	4	10	30	8	"
Con VIII	"	Avro Constr.	C. Hall	Mar. 4, 1964	4	4	80	21	"
Con VIII	"	J. Russell	"	Mar. 7, 1967	4	10	60	54	"
Con VIII	"	E. Cornish	A. Earley	Aug. 25, 1965	6 1/2	10	90	65	"
Con VIII	"	Woodlyn Farms	W. Packham	Aug. 25, 1967	6 1/2	25	40	38	"
Con VIII	"	Valerite	"	Apr. 25, 1967	4	10	Flows		"
Con VIII	"	Electronics	Graham Well Drlg.	Nov. 2, 1966	6 1/2	30	30	24	"
Con VIII	"	Veteran's Club	W. Packham	Apr. 1, 1967	6 1/2	20	27	23	"
Con VIII	"	W. Leachman	"	Sep. 2, 1967	6 1/2	10	150	42	"
Con VIII	"	D. Wettlaufel	"	July 4, 1967	6 1/2	25	25	6	"
Con VIII	"	B. Riddell	"	June 21, 1967	5	15	20	12	"
Con VIII	"	J. McPhee	Graham Well Drlg.	Nov. 10, 1964	6 1/2	20	50	40	"
Con VIII	"	E. Blocklock	W. Packham	Nov. 3, 1966	6 1/2	30	60	18	"
Con VIII	"	B. Feldmeier	"	Dec. 28, 1966	6 1/2	20	40	35	"
Con VIII	"	J. Kitchen	"	Mar. 9, 1964	6 1/2	20	70	55	"
Con VIII	"	F. Mast	"	June 4, 1965	6 1/2	30	40	30	"
Con VIII	"	H. Miner	"	June 2, 1965	6 1/2	20	45	26	"
Con VIII	"	R. Penrice	"	Aug. 15, 1964	6 1/2	13	21	20	"
Con VIII	"	J. Smith	J. Anderson	Dec. 15, 1965	5	10	15	7	"
Con IX	"	T. Oskam	Graham Well Drlg.	Oct. 21, 1965	4	10	20	7	"
Con IX	"	L. Livingstone	A. Earley	June 5, 1964	5	15	20	5	"
Con IX	"	C. Schenk	Graham Well Drlg.	Oct. 7, 1967	4	8	15	12	"
Con IX	"	C. Ziegler	A. Earley						

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLESLEY COUNTY - cont. Ruslinch Twp. - cont. Con IX lot 4 Con IX " 5	B.Kaczmarczyk E.Galloway	C.Hill A.Earley	Nov.30,1966 May 28,1964	4 4½	5 12	20 45	25 42	Fresh	D D	Clay 74;hard brown rock 140. Water at 140. Clay streaks 15;clay 49;light brown limestone 80;dark brown rock 100;fine shale 110;black rock 129;blue rock 167. Water at 40 and 167.
Con IX " 6	N.Boreham	C.Hill	Apr.15,1964	4	3½	80	25	"	D	Sandy 445;gravelly clay 50;grey limestone 105;hard flint rock 145. Water at 145.
Con IX " 6	C.Golding	Graham Well Drlg.	June 11,1964	4½	8	60	30	"	D	Previously drilled 73;black rock 120;grey limestone 130. Water at 120.
Con IX " 6	R.Truscott	"	Nov.10,1965	5	40	60	29	"	D	Topsoil 1;stones gravel 18;coarse sand 24;gravel grey clay 31;light brown rock 50;dark brown rock 75;black rock 98;grey rock 130. Water at 50,128 and 130.
Con IX " 7	Knight Lumber Co.	C. Hill	Jan.16,1964	4	5	80	40	"	D,S	Clay streaks gravel 53;grey limestone 105;hard brown rock 129. Water at 89.
Con IX " 7	J.Feikema	A.Earley	Jan. 9,1965	4	15	60	26	"	D	Dug well 20;clay gravel 50;light brown limestone 80. Water at 80.
Con IX " 7	R.Tolton	C.Hill	Apr.20,1964	4	10	20	12	"	D	Gravel 32;brown limestone 90. Water at 90.
Con IX " 17	J.Summers	W.Packham	Apr.10,1964	6½	20	75	65	"	D,S	Dug well 11;clay Gravel 100;sand Gravel 110;gravel stone 112. Water at 112.
Con IX " 18	D.Daeley	A.Earley	June 16,1967	4	15	50	24	"	D	Stones clay 25;sandy clay 33;clay 50;fine sand 75;black rock 80. Water at 80.
Con IX " 24	S.Michale	Graham Well Drlg.	Oct.18,1966	4½	30	50	4½	"	D	Topsoil 1;brown clay stones 15;grey clay gravel 55;light brown rock 63. Water at 63.
Con X " 5	Guelph Waterworks	International Water Supply	May 13,1966	8	500	29	14	"	T 1-66	Topsoil boulders 1;gravel clay boulders 6;dirty gravel boulder 13;coarse fine gravel boulders 31;hard packed gravel clay boulders 34;gravel sand boulders 35;hard packed gravel 36;coarse gravel sand boulders 44;red clay gravel 66;limestone. Water at 13.
Con X " 5	"	"	May 20,1966	2	300	24	9	"	T 2-66	Gravel clay boulders 17;dirty coarse gravel boulders sand 31; cemented gravel 38;gravel sand cemented streaks 4;grey clay gravel hard packed 56;limestone.
Con X " 5	"	"	May 24,1966	12					T 3-66	fine sand 3;boulders clay gravel 22;dirty coarse gravel sand 25;cemented gravel 42;red clay gravel 52;bedrock.
Con X " 7	G.Townsend	C.Hill	July 4,1964	5	4½	130	40	"	D	Clay 45;hard gravel 53;limestone 130;black rock 140. Water at 140.
Con X " 7	"	"	Mar.20,1965	4	4	120	30	"	D	Clay 46;brown limestone 100;hard dark brown rock 125;Water 25.
Con X " 10	R.Biffis	"	Nov.21,1966	4	7	85	60	"	D	Clay very stony 92;brown rock 130. Water at 130.
Con X " 10	K.Young	A.Earley	Oct.28,1964	4	10	85	80	"	D	Stone clay 25;gravel clay 85;fine sand 91;light brown limestone 125. Water at 95 and 125.
Con X " 10	E.Biley	Graham Well Drlg.	Sep. 4,1964	5	25	25	8	"	D	Brown clay stones 32;brown sand 43;grey clay gravel 68;dark brown rock 90. Water from 80 to 90.



WELLINGTON COUNTY - cont.

Con X	Fuslinch Twp. - cont.	Drilg.	May 7, 1965	5	30	40	20	Fresh	D	
Con X	" 10 R.Spurrell	"	May 7, 1965	4½	6	90	52	"	D	Topsoil 1; brown clay sand gravel 35; gravel stones 44; brown clay stones 68; dark brown rock 80; black rock 100. Water from 78 to 99.
Con X	" 10 R.Rogers	C.Hill	June 27, 1966	4	12	45	23	"	D	Topsoil 1; brown clay sand stones 35; brown clay gravel 70; grey clay 88; light brown rock 95; dark brown rock 115; black rock 182. Water from 105 to 182.
Con X	" 11 J.Melzer	"	Apr. 21, 1966	4	25	5	5	"	D	Very stony clay gravel streaks 58; light brown limestone 97. Water at 97.
Con X	" 11 C.McNinch	Graham Well Drilg.	Apr. 26, 1965	5	15	18	3½	"	D	Very stony gravel 63; hard brown rock 83. Water at 83.
Con X	" 11 E.Hyde	"	Apr. 17, 1967	4	8	85	80	"	D	Topsoil 1; brown clay gravel 95. Water from 76 to 95.
Con X	" 11 W.MacTeggart	W.Packham	July 25, 1967	6½	25	75	68	"	D	Topsoil 2; dark brown clay stones 15; light brown clay gravel 70; stones 75; brown clay gravel 107; light brown rock 162; dark brown rock 180. Water at 120.
Con X	" 11 A.Palmer	A.Earley	July 27, 1967	4	15	20	50	"	D	Sandy clay loam 15; clay gravel 50; clay larger stones 80; clay gravel 65; sand 103; gravel 105. Water at 105.
Con X	" 17 E.Jones	"	June 20, 1966	4	10	60	50	"	D	Topsoil 1; stones clay 50; sandy clay 65; stones clay 78; brown rock 105. Water at 50 and 105.
Con X	" 21 T.Warren	Graham Well Drilg.	Mar. 2, 1964	7	35	90	58	"	D	Stones gravel 25; sandy clay 70; sand 80; hard packed gravel 99; limestone 112. Water at 112.
Con X	" 21 J.Faber	"	June 18, 1964	4	15	60	45	"	D	Clay stones 80; hardpan stone 110; clay gravel 130; brown rock 130; dark brown rock 205; dark grey rock 230; light grey rock 248. Water at 248.
Con X	" 22 J.Brown	"	Aug. 22, 1967	4	10	87	73	"	D	Gravel stones 19; hardpan 42; clay stones 45; sand gravel 70; clay sand gravel 90; black rock 100. Water from 61 to 98.
Con X	" 27 O.Zernis	J.Ruttan	Apr. 3, 1967	6½	5	57	13	"	D, S	Brown clay stones 45; light brown clay gravel 60; sand 70; brown clay gravel 115; gravel 120; brown clay gravel 127; black rock 138; grey rock 188. Water at 138 and 188.
Con X	" 28 I.Cryderman	W.Packham	Apr. 24, 1967	6½	30	15	8	"	D	Brown light clay 12; grey clay boulders 35; brown sand 42; white clay fine gravel 45; dull red clay 49; grey clay gravel 57. Water from 36 to 42.
Con X	" 35 E.Varley	"	Jan. 22, 1964	6½	8	50	30	"	D, S	Sandy clay loam 35; sand gravel 65; shale 67. Water at 67.
Con X	" 36 A.Martin	"	Jan. 8, 1964	6½	4½	100	30	"	D	Stony clay 49; limestone 63. Water at 55 and 60.
Con X	" 37 Halton Regional Cons. Authority	"	May 31, 1965	6½	20	35	15	"	D, S	Sand clay loam 15; gravel clay 48; black rock 95; white rock 110. Water at 50.
Con X	" 37 L.Bard	"	Dec. 3, 1965	6½	20	24	9	"	D	Dug well 22; stony clay 40; shale 44; solid rock 76; shale 80. Water at 75.
Con XI	" 2 N.Grenewich	A.Earley	Mar. 23, 1967	4	7	110	100	"	D	Silt 7; grey limestone 37. Water at 17 and 36.
Con XI	" 11 W.Beattie	"	July 5, 1966	4	15	40	30	"	D	Stones clay gravel 60; sand 70; sandy clay 80; hard packed sand 84; hard brown rock 96. Water at 90 and 95.
Con XI	" 32 W.Beattie	W.Packham	Dec. 7, 1967	6½	30	20	6	"	D	Sandy clay 34; limestone 45. Water at 41.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Fuslinch Twp. - cont.										
Gore lot 1	B. Malloy	A. Earley	Dec. 22, 1966	4	15	47	35	Fresh	D	Clay boulder 40; gravel 41; sandy clay 54; coarse gravel 56. Water at 56.
Gore " 2	D. Ayres	W. Packham	May 15, 1967	6 1/4	20	10	2	"	D	Sandy clay stones 25; clay 35; sand gravel 43. Water at 43.
Gore " 9	J. Stewart	F. Ince	Oct. 11, 1966	6 1/4	5	75	10	"	D	Brown clay 18; blue stony clay 79; limestone 92. Water at 85.
Gore " 14	C. Scott	S. Gill	Jan. 13, 1964	6 1/4	20	35	20	"	D S	Drill well 25; sand 40; sand clay 91; rock 100. Water at 97 and 106.
Gore " 21	Catholic Youth Organization	"	July 2, 1966	6 1/4	25	6	1	"	D	Sand clay 10; sand gravel 30; grey sand 37; grey rock 45. Water at 43.
Gore " 29	E. Smith	Graham Well Drlg.	Apr. 6, 1967	4 1/4	20	35	15	"	D	Fill broken rock 2; brown limestone 43; dark brown limestone 60. Water at 60.
Gore " 37	I. Case	W. Packham	Dec. 28, 1965	6 1/4	20	12	10	"	S	Clay gravel stone 10; shale 12; rock 21. Water at 18.
Gore " 38	W. McPherson	"	July 7, 1966	6 1/4	20	55	45	"	S	Stony gravel 35; stones gravel clay 81; limestone 100. Water at 100.
Gore " 38	O. Monkhouse	"	Sep. 16, 1964	6 1/4	30	30	27	"	D	Stony clay 27; bedrock shaly 50; hard limestone 54. Water at 35 and 52.
Gore " 38	M. McConnell	"	June 9, 1965	6 1/4	20	45	39	"	D	Stony clay 52; black limestone 80. Water at 75.
Gore " 38	L. Zifile	"	July 13, 1965	6 1/4	20	55	41	"	D	Stony clay 56; black limestone 105. Water at 102.
Gore " 38	W. McPherson	"	July 10, 1966	6 1/4	20	30	23	"	D	Gravel clay 45; stones broken rock 50; limestone 54. Water at 52.
West Garafraxa Twp.										
Con I lot 4	K. Warmington	J. Cudney	Sep. 28, 1964	4 1/4	10	75	65	Fresh	D	Sandy clay 72; grey limestone 108. Water at 108.
Con I " 4	M. Waechter	Graham Well Drlg.	Mar. 8, 1965	5	7	90	40	"	D	Gravel stones 25; clay stones gravel 50; brown rock 120; dark brown rock 128; reddish brown rock 132; light brown rock 135. Water from 128 to 132.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
WELLINGTON COUNTY - cont.										
West Garafraxa Twp. - cont.										
Con IV lot 4	A. Sharpe	Graham Well Drlg.	Aug. 22, 1967	4	7	70	22	Fresh	D	Topsoil 1; brown clay stones 15; grey clay stones 65; rock 140. Water at 110.
Con IV	C. Reatty	Lone Star Well Digging	Aug. 30, 1966	30	5	15	8	"	D	Coarse gravel 18. Water at 15.
Con IV	C. Stabler	G. Tortington	Oct. 10, 1966	30	5	42	30	"	D	Blue clay 40; blue clay coarse stones 46 1/2. Water at 46 1/2.
Con IV	W. Craig		Oct. 20, 1965	36	3	4	25	"	D	Topsoil 2; sandy loam 10; heavy clay stone 3; light clay gravel 35. Water at 25.
Con IV	N. McElroy	Hadco Well Drlg. & Digging	July 23, 1965	30				"	D	Brown clay 7; fine sand 8; yellow clay 28. Water at 7.
Con IV	H. Worton		July 23, 1965	30	1	20	15	"	D	Clay 15; boulders 22. Water at 20.
Con IV	W. Winder		July 23, 1965	30	1		20	"	D	Boulders clay 22; sand 23; brown clay 28. Water from 22 to 23.
Con IV	W. Martin		July 23, 1965	30			15	"	D	Dry sand 4; sand 17. Water from 14 to 17.
Con IV	M. Spadoni		July 23, 1965	30			10	"	D	Brown clay 10; clay boulders 17. Water at 10.
Con IV	C. Bassett	A. Earley	Oct. 13, 1966	4	10	40	22	"	D	Sandy clay stones 10; blue clay small stones 80; sandy clay 94; grey rock 105; limestone 126. Water at 110 and 125.
Con IV	E. Selby	Hadco Well Digging Ltd.	Nov. 23, 1966	30	2	29	5	"	D	Topsoil 1; brown clay 3; sand 5; blue hardpan 17; sand 20; hardpan 30. Water at 17.
Con IV	D. Lynd	A. Earley	May 4, 1967	4	15	20	8	"	D	Clay stones 25; clay 70; clay stones 59; blue rock 109; gravel 110. Water at 107 and 110.
Con IV	J. Williamson	H. Eddyvean	July 20, 1967	5	3	28	18	"	D	Soll 1; grey clay stones 87; shale 98. Water from 88 to 98.
Con IV	R. Ecclestone	Graham Well Drlg.	July 26, 1965	4 1/4	10	75	65	"	D, S	Topsoil 1; brown clay stones 35; brown sand 65; grey clay gravel 192; light brown rock 290. Water at 290.
Con IV	I. MacDonald	Ladco Drlg.	Dec. 2, 1965	4	10	45	22	"	D, S	Clay 15; sand 88; clay stones 166; limestone 210. Water at 208.
Con V	C. Chamberlain	A. Earley	May 24, 1967	4	7	60	12	Sulphur	D	Stones clay gravel 63; brown soft rock 115; white rock 128. Water at 128.
Con V	M. Watson	"	May 13, 1967	4	15	40	18	Fresh	D	Clay gravel stones 87; blue grey rock 104. Water at 104.
Con V	A. McLean	Ladco Drlg.	Nov. 13, 1967	5	20	45	27	"	P	Clay gravel rocks 20; clay rocks 92; light grey limestone 265; brown limestone 315; white blue limestone 380. Water at 125 and 275.
Con V	O. Kuntz	Hadco Well Digging Ltd.	Nov. 24, 1966	30	2	37	24	"	D	Topsoil 1; clay rocks 10; sandy clay 13; hardpan 24; gravel 25; hardpan 28; gravel 29; hardpan 38. Water at 24 and 28.
Con V	H. Brusch	Ladco Drlg. & Exploration Co.	Mar. 30, 1965	4	10	54	50	"	D, S	Grey clay rocks 30; sand 80; grey clay rocks 180; brown limestone 185. Water at 184.
Con V	J. Wilson	"	Mar. 20, 1965	4	10	96	71	"	D, S	Grey clay 35; sand 105; gravel 108; grey clay rocks 202; light grey limestone 330. Water from 300 to 325.
Con V	C. Parkinson	Graham Well Drlg.	Nov. 6, 1967	4 1/4	8	80	27	"	D, S	Topsoil 1; brown clay 15; fine sand 20; grey clay stones 165; fine sand 169; brown rock 202. Water at 190 and 202.
Con VI	S. Partridge	C. Hill	Aug. 2, 1967	4	10	60	12	"	D	Sand 25; clay 65; gravel 74; blue rock 140; grey rock 191. Water at 191.
Con VI	G. Davidson	Ladco Drlg.	Nov. 6, 1965	4	10	65	50	"	D, S	Sand 70; grey clay rocks 157; light grey limestone 235. Water at 230.
Con VI	H. Vallery	J. Gudney	May 25, 1967	4 1/4	7	80	45	"	D	Fine sand 22; brown clay 80; hardpan 137; grey limestone 190. Water at 190.
Con VI	J. Eveleigh	Hadco Well Digging Ltd.	July 23, 1965	30	3	28	22	"	D	Clay 24; sandy sand 30. Water from 24 to 30.
Con VI	H. Eisen	C. Davidson	Jan. 15, 1965	4	10	53	44	"	D, S	Brown clay 6; quicksand stones 44; coarse sand 61; hardpan 115; sand gravel 131. Water at 131.
Con VII	W. Quarrie	Graham Well Drlg.	Oct. 20, 1964	4 1/4	6	85	40	"	D	Old dug well 44; clay builders 100; clay gravel 116; loose broken stone 205; light brown stone 220; brown rock 255. Water from 220 to 255.

WELLINGTON COUNTY - cont.									
West Garafraxa Twp. - cont.									
Con VII	lot 11	J. Gudney	Apr. 23, 1966	4 1/2	11	30	22	Fresh	P
Con VII	" 13	Lone Star Well Digging	May 15, 1964	30	3	15	10	"	D, S
Con VII	" 17	Hadco Well Digging Ltd.	Nov. 22, 1966	30	21	30	18	"	D, S
Con VII	" 26	Graham Well Drlg.	Nov. 5, 1964	4	7	78	25	"	D, S
Con VIII	" 10	J. Gudney	Sep. 21, 1967	4	5	55	51	"	D
Con VIII	" 2	Ladco Drlg. & Exploration	Nov. 5, 1964	4	10	80	70	"	D, S
Con VIII	" 5	"	Apr. 20, 1966	4	10	110	103	"	D, S
Con VIII	" 7	G. Tortington	Dec. 7, 1964	6 1/2	20	74	60	"	D, S
Con VIII	" 11	Durham Drlg. & Enterprises	Oct. 30, 1965	36	4	23	40	"	D
Con VIII	" 23	"	Aug. 28, 1965	4	15	55	40	"	D, S
West Luther	lot 3	J. Rennie	Mar. 9, 1965	4	10	60	40	Fresh	D, S
Con IV	" 17	Durham Drlg. & Enterprises	Oct. 20, 1967	4	15	50	35	"	D, S
Con IV	" 17	R. Richardson	Aug. 28, 1965	4	12	64	55	"	D, S
Con VI	" 10	Hadco Well Digging Ltd.	Nov. 17, 1965	5 1/2	4	145	42	"	D
Con VII	" 1	J. Gallagher	Dec. 11, 1964	4	20	16	8	"	D, S
Con VIII	" 10	H. Turner	Dec. 30, 1964	4	8	25	20	"	S
Con VIII	" 10	"	Jan. 12, 1965	4	10	24	24	"	D, S
Con VIII	" 10	K. Anderson	July 30, 1965	4	12	30	20	"	D, S
Con VIII	" 11	J. Robertson	Dec. 16, 1964	4	6	44	44	"	S
Con XIV	" 1	J. Monahan	Mar. 9, 1965	4	12	12	12	"	D
Con XIV	" 10	H. Scott	Aug. 19, 1964	4	10	70	30	"	D, S

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
<b>WENTWORTH COUNTY</b>										
<b>Ancestor Twp.</b>										
Con I lot 1	S.Hegyes	P.Ince	Aug.28,1964	6 1/2	2	157	80	Fresh	D,S	Dug well 16;blue clay 147;gravel 150;limestone 157. Water at 150.
Con I "	2	Pairlawn Sod Nursery	Nov.21,1967	6 1/2	30	16 1/2	50	"	Ir	Brown clay 12;blue clay 153;limestone 165. Water at 153.
Con I "	3	S.Rous	Nov.19,1964	6 1/2	4	166	50	"	D,S	Brown clay 10;blue clay 159;limestone 166. Water at 163.
Con I "	6	W.Medlar	Oct.15,1965	6 1/2	15	75	66	"	D,S	Brown clay 142;blue clay 85;fine gravel 91. Water at 91.
Con I "	7	I.Little	July24,1965	6 1/2	45	75	35	"	D	Blue clay 152;blue shale 152. Water at 148.
Con I "	8	D.Mennen	Sep.17,1965	6 1/2	135	40	40	"	D	Brown clay 15;blue clay 121;limestone 135. Water at 130.
Con I "	9	S.Misener	Aug. 3,1965	6 1/2	1 1/2	25	18	"	D,S	Blue clay 150;shale 160. Water at 155.
Con I "	11	S.Ottman	June 2,1965	36	5	25	18	"	D	Brown clay 18;silt 34;heavy clay 35. Water from 18 to 34.
Con I "	13	B.Bouwmeester	Apr.22,1967	6	8	150	50	"	S	Sand loam 15;grey clay 110;fine sand 183;limestone 196. Water at 195.
Con I "	16	H.Walton	Feb.20,1964	6 1/2	10	50	35	"	D,S	Sandy loam 5;brown sand 60;quicksand 120;fine sand 180;fine gravel 184. Water at 184.
Con I "	22	H.Wilkinson	May 14,1966	36	3		11	"	D	Gravel loam 1;brown clay 11;blue clay and silt layers 34. Water at 11.
Con I "	26	B.Kitchen	Nov.23,1966	30	4		17	"	D,S	Brown sandy clay 8;brown sand 20;grey fine sand 34. Water at 17.
Con I "	30	A.Polap	June 4,1964	30			31	"	D	Topsoil 1;brown sandy clay 30;blue sand 34;brown sand 40. Water at 31.
Con I "	29	H.Johnson	Sep.21,1966	36	5	23	20	"	D	Brown sandy clay 10;blue sandy clay 20;green and pink sand and stone 27. Water at 20.
Con I "	30	M.Subrinsky	Dec.12,1967	30	2	38	30	"	D	Fill 3;brown clay and fill 7;sand 12;grey clay 30;sand 36; blue clay 40. Water at 30.
Con I "	31	H.Hess	Nov.11,1964	36	4	28	22	"	D	Brown sand 3;grey sand 6;orange coloured sand 8;brown sand, stone and shale 16;blue clay and sand 22;gravel and stone 24;blue clay and sand and shale 40. Water at 22.
Con I "	31	E.Oldfield	July25,1965	36	10	40	38	"	D	Black loam 2;brown sandy loam 10;clay loam 15;shale and clay loam 18;rocky black silt 20;grey silt 40;silt 42;medium coarse red and grey sand 47;coarse sand 50. Water from 42 to 50.
Con I "	31	P.Ahearn	June23,1967	30	4	48	17	"	D	Topsoil 1;brown clay 16;sand and gravel 17;blue clay 35; blue sand 47;blue clay 40. Water at 17 and 36.
Con I "	32	W.Belsinthal	Mar.13,1964	36	5	36	34	"	D	Brown sand 6;grey sand 10;red sand 14;shale and stone 16; grey sand 23;blue sand 35;fine grey sand 38;grey sandy clay 40;grey sand 44. Water at 34.
Con I "	32	P.Brudelle	Oct.18,1965	36	5	50	49	"	D	Black loam 8;brown sandy loam 3;brown hard clay 12;hardpan stone and shale 49;medium coarse sand 56. Water at 49.
Con I "	32	S.Iovio	Dec. 5,1967	30	6	58	40	"	D	Topsoil 1;brown sandy clay 14;grey sandy clay 5;grey sand 60. Water at 52.
Con I "	33	P.Wakernaak	July16,1965	36	4	20	15	"	D	Brown sand clay and stone 12;shale layers 13;grey sand and blue clay and limestone 14;blue clay and sand and silt layers 32. Water at 15.
Con I "	33	S.DeAngelo	Nov.21,1967	30	4	24	10	"	D	Topsoil 1;sand 6;fine gravel 10;blue clay 26. Water at 10.
Con I "	34	C.Linton	Nov. 6,1965	36	4	53	51	"	S	Black loam 1;brown sandy clay 6;shale layer 14;grey sandy clay and stone 20;sandy clay 40;stone 45;medium coarse sand 60. Water at 51.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS *
										(Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Ancaster Twp. - cont. Con I lot 41	Ancaster PUC.	International Water Supply Ltd.	Oct. 12, 1967	1 1/2	40	7	2	Fresh	T 7-67	Topsoil 1;sandy clay 3;sand gravel boulders and clay 9;sand gravel and boulders 24;clay and gravel 35;sandy clay and sand and gravel 58;fine sand and gravel 70;sandy clay and gravel 76;sandy clay 76;clay and gravel 119;clay 203;soft silty clay 233;sand gravel boulders and clay 245;sand gravel and streaked clay 250;hard pocketed sand gravel and shale 254;soft clay and gravel 275;clay and gravel 311; sand and packed gravel shale and clay 320;shale 330. Water at 222.
Con I lot 41	"	"	Oct. 24, 1967	2	50	9	15	Fresh	T 8-67	Topsoil 1;idry sand clay boulder and some gravel 5;silty gravel 77;sticky silty clay 153;fine gravel sand and clay 182;fine sand and gravel 188;fine gravel sand and clay 192;soft silty clay 287;packed fine gravel shale and clay 292;shale 297. Water at 155.
Con I " 41	"	"	Nov. 7, 1967	6					T 9-67	Topsoil 1;clay and gravel 8;gravel boulders and clay 23;silty clay and gravel 18;fine sand gravel and streaked clay 68;silty clay gravel and streaked sand 78;silty clay and gravel 116;silty clay 201;sandy clay sand and fine gravel 2108;silty clay sand and gravel streaks 224;soft silty clay 226;silty clay and gravel 229;silt and fine gravel 230;sand;gravel with streaks clay 236;clay sand and streaked gravel 242;boulders 243;red and grey clay and gravel 318;packed gravel and clay 321;shale 326.
Con I " 41	"	"	Nov. 14, 1967	6					T 10-67	Topsoil 1;clay gravel and boulders 4;sand gravel and boulders 16;clay and gravel 19;sand gravel and clay 21;soft clay 23;silty clay sand and streaked gravel 36;soft sandy clay and gravel 60;silt clay and gravel 71;silty clay and gravel 117;gravel 60;silt clay 181;soft silty clay and gravel 214;soft silty sticky clay 181;soft silty clay and gravel 223;silty clay and fine gravel 223;silty clay and gravel 284;silty clay and gravel 305;hard clay silty clay and gravel 308;gravel sand and boulders 317;red clay gravel and shale 321.
Con I " 41	"	"	Nov. 21, 1967	2	43		2	Fresh	T 11-67	Topsoil 1;clay some gravel and boulders 6;gravel sand and boulders 18;gravel sand and clay 22;soft silty clay 269;silty clay and fine gravel 305;blue shale gravel and red clay 308;gravel sand boulders and clay 316;red clay 319;shale 320. Water at 308.
Con I " 49	G. Kuthie	P. Ince	Feb. 27, 1964	6 1/2	20	60	35	Fresh	D	Brown clay 8;sandy clay 86;sand 92. Water at 90.
Con I " 49	N. Muir	"	May 5, 1966	6 1/2	7	175	125	"	"	Brown clay 1;blue clay 180;coarse sand 189. Water at 189.
Con II " 7	E. Misner	"	Sep. 2, 1964	6 1/2	20	35	30	"	D, S	Brown sandy clay 10;blue clay 129;limestone 137. Water at 135.
Con II " 11	G. VenSikle	H. Johnson	July 7, 1965	36	10	20	13	"	D	Black loam 1;brown sandy loam 10;blue clay and sand 15;fine sand and blue clay 28;blue clay 30. Water from 43 to 28.
Con II " 13	G. Hiscox	"	Apr. 7, 1964	36	10	47	35	"	D	Brown sand 4;hardpan 13;silt 15;clay and silt layers 25;silt 49;clay. Water at 35.
Con II " 14	P. Beit	Hadco Well Drilling Ltd.	Aug. 4, 1965	30			40	"	D	Sandy clay 15;clay 35;sandy clay 43;sandy clay 60. Water from 35 to 40.
Con II " 14	"	"	Aug. 4, 1965							Sandy clay 15;brown clay 35;sandy clay 40;grey clay 60. Dry hole.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Ancaster Twp. - cont.										
Con III	D. Ferguson	H. Johnson	Dec. 10, 1966	36	5		28	Fresh	D	Brown clay 10; grey hard clay 28; blue clay and silt layers 57. Water at 28.
Con III	J. Calder	Cross Bros.	June 12, 1967	6 1/2	5	125	36	"	D	Sandy loam 10; grey clay 46; quicksand 136; limestone 141. Water at 140.
Con III	B. Norman	"	Aug. 8, 1967	6 1/2	3	140	30	"	D	Brown clay 15; grey clay 50; quicksand 127; limestone 150. Water at 148.
Con III	G. Markle	H. Johnson	Aug. 11, 1966	36	4		24	"	P	Brown sandy clay 8; blue clay 24; blue clay and silt 31. Water at 24.
Con III	Allard Constr.	G. Wallis	Sep. 3, 1965	6 1/2	10	132	30	"	D	Brown sandy clay 14; grey clay 14; brown limestone 148. Water at 147.
Con III	A. Baker	Cross Bros.	Jan. 25, 1967	6 1/2	2	100	23	"	S	Dug well 36; quicksand 92; blue clay 108; limestone 122. Water at 120.
Con III	C. Lovering	F. Ince	Sep. 24, 1965	6 1/2	20	40	70	"	D, S	Brown 32; blue clay 94; limestone 187. Water at 186.
Con III	W. Machellick	H. Johnson	Nov. 25, 1966	36	2	22	18	"	D	Brown sandy clay 18; blue clay and silt layers 40. Water at 10.
Con III	Ont. Dept. of Highways	E. Stewart & Son	Oct. 24, 1967	6 1/2	6	140	38	"	P	Dark blue hard clay 55; light blue putty clay 105; limestone 147. Water from 145 to 147.
Con III	W. Leitch	Hadco Well Digging Ltd.	Nov. 16, 1964	30	2	37	22	"	C	Brown sand 10; grey sandy clay 20; grey fine silty sand 50. Water at 20.
Con III	"	"	July 7, 1966	30	2	24	22	"	C	Brown sand 10; grey silty sand 20; grey fine sand 30. Water at 20.
Con III	G. Walker	F. Ince	Sep. 10, 1965	6 1/2	3	120	40	"	D	Brown clay 20; brown sandy clay 80; blue clay 104; limestone 130. Water at 125.
Con III	J. Anslow	W. Packham	Sep. 21, 1966	6 1/2	7	100	10	"	D	Dug well 14; sandy brown clay 50; soft grey clay 93; limestone 115. Water at 110.
Con III	W. Annett	F. Ince	July 31, 1967	6 1/2	2	126	40	"	D	Brown clay 20; blue clay 87; limestone 126. Water at 124.
Con III	L. Roth	Hadco Well Digging Ltd.	Apr. 18, 1967	30	3	50	34	"	D	Brown sandy clay 7; brown sand 14; grey clay 25; grey sandy clay 54; blue sand 56. Water at 56.
Con III	D. Lee	"	Aug. 23, 1967	30	2	43	33	"	D	Topsoil 1; brown clay 3; sand 4; gravel 14; brown clay 24; blue sand 39; blue hardpan 45. Water at 33.
Con III	Alm Builders	F. Ince	Nov. 12, 1965	6 1/2	1	110	40	"	D	Sandy clay 8; limestone 110. Water at 105.
Con III	K. Bolton	"	June 21, 1965	6 1/2	1	76	40	"	D	Brown sandy clay 30; sandy clay 40; blue clay 66; limestone 81. Water at 77.
Con III	Ancaster Agri-culture Ass.	Hadco Well Digging Ltd.	Sep. 8, 1965	30	3		30	"	D, S	Brown clay 8; brown sand 14; blue sand 17; grey clay 34; grey marl 40; hard grey clay 42; grey sand and gravel 48. Water at 14, 34 and 42.
Con III	R. Northey	F. Ince	June 10, 1965	6 1/2	4	55	32	"	D	Brown clay 10; hard blue clay 50; sandy clay 59; sand 61. Water at 61.
Con III	K. VanDerSchaaf	"	Aug. 10, 1966	6 1/2	20	125	35	"	D	Brown clay 20; brown sandy clay 80; blue clay 99; limestone 125. Water at 100.
Con III	D. Rollins	S. Gill	Oct. 4, 1965	6 1/2	5	70	30	"	D	Dug well 27; fine sand 48; gravel 50; grey clay 63; grey rock 79. Water at 70 and 79.
Con III	J. Marshall	F. Ince	Aug. 3, 1966	6 1/2	1 1/2	110	35	"	D	Brown clay 15; blue clay 72; limestone 110. Water at 96.
Con III	K. Boeckle	J. Wickett	Jan. 21, 1967	6 1/2	1 1/2	140	20	"	D	Brown clay and sand 18; blue clay and sand 56; grey sand 80; blue clay 84; sandstone 100; white Niagara rock 140. Water at 110.
Con III	J. Hlusmon Bldr.	W. Packham	June 24, 1967	6 1/2	1 1/2	115	60	"	D	Clay 20; sandy clay 100; hard clay 104; limestone 118. Water at 110.

WENTWORTH COUNTY - cont.													
Con	Twp.	lot	cont.	E. Fox Ltd.	Hadco Well Digging Ltd.	Sep. 22, 1965	30	5	18	Fresh	D		
Con III		51				June 11, 1965	61	20	20	"	D, S	Topsoil 2; brown sandy clay 18; grey sand 20; grey red sand 23; grey sand 28; grey clay 29; grey sand 35. Water at 18.	
Con III		52		L. Scott	P. Ince Bros.	Nov. 30, 1967	61	3	60	10	"	D	Dug well 12; blue clay 29; shale 30. Water at 30.
Con III		54		A. Epps	Cross Bros.		61				"	"	Topsoil 2; brown clay 20; blue clay 54; fine gravel 56; limestone 66. Water at 65.
Con IV		21		Sago Motel	H. Johnson	Mar. 18, 1964	36	3	37	33	"	P	Brown clay 20; grey clay 25; silt layer 27; grey clay 33; silt 50. Water at 33.
Con IV		21		J. Quin	"	Apr. 3, 1964	36	1	45	40	"	D	Brown clay 11; grey clay 25; silt 30; clay 32; silt 56; clay 58. Water at 25.
Con IV		26		J. Antolin	P. Ince	Aug. 24, 1965	61	4	100	25	"	D, S	Brown clay 15; blue clay 66; limestone 125. Water at 115.
Con IV		26		J. Goodbrand	W. Packham	Oct. 3, 1966	61	10	85	20	"	S	Clay 25; sort clay 79; limestone 91. Water at 84.
Con IV		27		J. Woodley	H. Johnson	Aug. 24, 1964	36	4	27	19	"	D	Brown clay 10; grey clay 15; silt 26; clay 32; silt 40. Water at 15.
Con IV		31		Morrison & Sommers Bldr.	Hadco Well Digging Ltd.	Jan. 24, 1966	30	2	19	"	"	D	Topsoil 1; brown sandy loam 14; blue marl 15; brown clay 24; blue marl 23; blue clay 40; brown clay 55; blue black sandy marl 60. Water at 18, 21 and 55.
Con IV		33		T. Good	Cross Bros.	Jan. 21, 1967	61	10	60	25	"	D	Brown clay 8; limestone 98. Water at 96.
Con IV		35		E. Bradt	Hadco Well Digging Ltd.	Aug. 6, 1965	30	1	30	"	"	D	Black clay 15; blue clay 30; sandy silty blue clay 45; clay 55; sandy clay 65. Water from 30 to 45 and from 55 to 65.
Con IV		46		Hart Bros.	H. Johnson	Aug. 24, 1964	36	5	12	10	"	D	Red sand 20; coarser sand 85. Water at 20.
Con IV		50		C. Hemenica	"	Jan. 8, 1965	36	5	11	5	"	D	Hard brown clay and sand 8; hard grey sand and clay and stone 28; coarse gravel and sand 30. Water at 8 and 28.
Con IV		50		B. Williamson	"	July 28, 1965	36	10	15	5	"	D	Sandy loam 8; brown clay and stone 18; hard blue clay and stone 21; medium coarse grey sand 22g. Water at 22.
Con IV		52		W. Derkach	Hadco Well Digging Ltd.	Apr. 19, 1967	30	3	55	40	"	D	Fill 10; brown hardpan 24; blue sandy clay 59; blue sand 60. Water at 59.
Con IV		52		Sacred Heart Sisters	P. Ince	Oct. 12, 1967	61	20	130	40	"	"	Brown clay 10; blue clay 81; limestone 130. Water at 90.
Con IV		52		C. Kuurstra	"	Nov. 14, 1967	61	10	120	50	"	D	Brown clay 15; blue clay 81; limestone 120. Water at 90.
Con V		28		Hamilton Angling & Hunting Club	W. Packham	Dec. 5, 1967	61	20	60	27	"	P	Brown clay 10; blue clay 86; limestone 84. Water at 80.
Con V		31		W. Packham	"	June 20, 1966	10	1	100	35	"	D	Hard sandy clay 30; silty clay 82; limestone 100. Water at 90.
Con V		31		H. Emond	"	Feb. 3, 1967	81	9	90	35	"	D	Clay 20; sort silty clay 77; bedrock 101. Water at 81.
Con V		36		B. Leeming	P. Ince	Aug. 30, 1966	61	4	60	30	"	D	Brown clay 10; blue clay 55; limestone 72. Water at 60.
Con V		38		D. Butler	W. Packham	Aug. 12, 1966	61	21	140	30	"	S	Clay 52; limestone 150. Water at 57 and 145.
Con V		40		B. MacMillan	P. Ince	Sep. 6, 1966	61	15	145	20	"	D, S	Brown clay 15; blue clay 77; limestone 145. Water at 130.
Con V		41		R. Pottruff	"	Oct. 27, 1966	61	15	120	50	"	D, S	Dug well 40; blue clay 76; limestone 120. Water at 110.
Con V		42		J. Shaw	H. Johnson	Aug. 4, 1966	36	5	24	16	"	D	Black loam 1; brown hard clay 12; blue clay with silt layers 40; hard clay 66; rock 72. Water at 72.
Con V		46		G. Peace	Hadco Well Digging Ltd.	Nov. 22, 1967	30	2	29	15	"	D, S	Brown sandy clay 14; grey sandy clay 30. Water at 15.
Con V		47		M. Devokaitis	"	Nov. 18, 1964	30				"	D	Sandy clay 19; fine grey silty sand 30. Dry hole.
Con V		47		P. Hall	H. Johnson	Feb. 25, 1966	36	5	24	17	"	"	Brown sand 8; hard brown sand and grey sand layers 20; fine sand 35. Water from 17 to 35.
Con V		47		P. Wilkinson	W. Packham	Apr. 15, 1966	61	1	155	40	"	D, S	Clay 40; sandy clay 85; clay 95; bedrock 163. Water at 120. and 155.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Ancaaster Twp. - cont. Con V lot 47 Con V " 48 Con V " 49 Con VI " 28 Con VI " 28 Con VI " 31 Con VI " 31 Con VI " 34 Con VI " 34 Con VI " 34 Con VI " 34 Con VI " 34 Con VI " 43 Con VI " 44 Con VI " 47 Con VII " 43 Con VII " 43 Con VII " 45	D.Brower	P.Ince	Aug. 6, 1966	6 1/2	2	80	16	Fresh	D	Dug well 30; blue clay 75; limestone 90. Water at 85.
	J.Bertolo	H.Johnson	Sep. 9, 1965	36	3	29	25	"	D	Brown sandy clay 25; fine sand 40. Water at 25.
	M.Fuhrarich	Hadco Well Digging Ltd.	Oct. 14, 1968	30	3	38	22	"	D	Brown clay 16; blue clay 22; blue sand 26; blue hardpan 31; blue sand 40. Water at 22.
	W.Wakeling	P.Ince	May 19, 1964	6 1/2	25	25	15	"	P	Brown clay 8; blue clay 62; limestone 71. Water at 69.
	G.Monas	Cross Bros.	Apr. 11, 1967	6 1/2	20	40	24	"	D	Brown clay 18; blue clay 70; limestone 77. Water at 75.
	W.Thornklosen	E.Constable	Oct. 21, 1964	8 1/2	1 1/2	90	20	"	D	Topsoil 4; brown clay 26; blue muck 78; limestone 100. Water at 85.
	P.Kelly	W.Packham	Nov. 10, 1967	6 1/2	2 1/2	125	35	"	D	Clay 8; bedrock 134. Water at 130.
	H.Smid	Cross Bros.	Oct. 12, 1965	8 1/2	10	40	25	"	D	Brown clay 18; blue clay 50; quicksand 67; limestone 68. Water at 68.
	M.Szabo	H.Johnson	Aug. 4, 1965	36	5	30	24	"	D	Previously dug well 24; clay with silt layers 62. Water at 24.
	S.Schoeman	P.Ince	May 30, 1966	6 1/2	20	60	20	"	D	Brown clay 15; blue clay 66; limestone 80. Water at 75.
	G.Cranston	Cross Bros.	July 30, 1964	8 1/2	3	70	30	"	D	Sandy loam 13; brown clay 30; blue clay 43; quicksand 63; blue clay 74; limestone 76. Water at 78.
	E.Gallagher	H.Johnson	Sep. 7, 1965	36	5	32	29	"	D	Hard brown clay 16; blue clay 20; medium fine sand 22; blue clay and silt layers 40. Water at 30.
	L.McBay	Cross Bros.	Mar. 8, 1967	6 1/2	8	60	36	"	D	Topsoil 2; brown clay 20; blue clay 46; quicksand 67; limestone 70. Water at 75.
	G.Morrison	"	June 27, 1967	6 1/2	10	55	26	"	D	Brown clay 22; grey clay 72; shale 73. Water at 73.
	P.Simeiatitis	W.Packham	May 20, 1967	8	2 1/2	105	45	"	S	Clay 79; bedrock 105. Water at 100.
Beverly Twp. Con I lot 1 Con I " 4 Con I " 6 Con I " 7 Con I " 12 Con I " 12 Con I " 13 Con I " 13 Con I " 13 Con I " 13 Con I " 13	E.Webb	P.Ince	Aug. 15, 1964	6 1/2	1 1/2	163	50	Fresh	D	Brown sandy clay 15; blue clay 158; shale 160; limestone 163. Water at 160.
	G.Gefferies	W.Packham	Nov. 14, 1966	6 1/2	6	160		Sulphur	D	Sandy clay 15; blue clay 80; brown sandy clay 130; muddy sand and clay 133; silty brown clay 159; limestone 165. Water at 164.
	L.Young	P.Ince	Jan. 13, 1964	6 1/2	1 1/2	152	40	Fresh	D	Brown clay 12; blue clay 125; limestone 152. Water at 145.
	B.Leegstra	"	Sep. 18, 1964	6 1/2	16	100	60	"	D, S	Brown clay 15; blue clay 125; gravel 135; rock 136. Water at 135.
	J.Morrison	H.Johnson	Feb. 12, 1966	36	5	26	2	"	D	Brown sand 12; heavy blue clay 21; fine sand 31; silt 36. Water from 21 to 36.
	Lydon Co-op Fed Mill	W.Packham	Jan. 14, 1967	6 1/2	1	175	40	Sulphur	C	Sandy clay 30; soft silty clay 90; muddy reddish sand 140; grey clay 149; bedrock 177. Water at 155.
	G.Robertson	H.Johnson	Nov. 23, 1964	36	3	35	30	Fresh	D	Brown sandy clay 9; grey sandy clay 41; heavy clay 44. Water at 29.
	R.Renton	J.Stefen	Nov. 20, 1965	4	5	75	52	"	D	Silty sand 12; soft sandy clay 110; silty sand and clay streaks 144; light grey shale 146; light grey limestone 159. Water at 158.
	Ibnet	H.Johnson	Aug. 31, 1966	36	3	18	15	"	D	Black loam 1; brown sand 29. Water at 18.
	S.Schoeman	"	Dec. 2, 1967	36	2		7	"	D	Sandy loam 3; fine sand 7; hard clay 12; silt and clay layers 24; silt with hard layers 40. Water at 7 and 20.





# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER, INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Beverley Twp.- cont.										
Con II	A. Reed	H. Johnson	June 1, 1965	36	7	20	15	Fresh	D	Brown sand 6; red sand 15; grey sand 20; silt 23; clay. Water from 15 to 20.
Con II	L. Frohlinger	S. Gill	Nov. 24, 1964	6 1/2	10	69	12	"	D	Dug well 32; silt 45; blue clay 60; sandy clay 67; grey rock 84. Water at 82 and 84.
Con II	S. Schoeman	H. Johnson	July 21, 1965	36	10	8	4	"	D	Brown sand 22. Water from 4 to 22.
Con II	G. Mensink	"	Apr. 11, 1964	36	5	8	6	"	D	Brown sand 6; medium coarse brown sand 10; coarse brown sand 17; silt 19; clay 20. Water at 6.
Con II	S. Schoeman	"	Mar. 11, 1965	26	10	10	4	"	D	Brown sand 20. Water from 4 to 20.
Con II	J. Hiedlerlinski	"	Sep. 30, 1966	36	5	11	8	"	D	Black loam 1; fine brown sand 8; grey silt 15; grey clay 20.
Con II	Beverley Golf Club	S. Gill	June 29, 1965	6 1/2	12	118	60	"	D	Water at 8.
Con II	Dundas Prod-ucers Ltd.	J. Crowley & Ass.	Aug. 4, 1967	2 1/2	12	85	66	"	In	Blue clay 15; clay with pebbles 40; silty clay 111; blue clay 117; gravel 120; grey rock 135. Water at 125 and 133.
Con II	"	"	Aug. 14, 1967	6 1/2	15	58	59	"	In	Sandy topsoil 1; consolidated gravelly till 45; sandy clay 55; clay till 69; broken rock 71; limestone 99. Water at 85.
Con II	"	"	"	"	"	"	"	"	"	Sandy topsoil 1; consolidated gravelly till 38; sandy clay 42; very fine sand and coarse gravel 45; clay till 65; broken rock 67; hard limestone 77 1/2. Water from 42 to 45 and from 75 to 77.
Con II	A. Thorpe	F. Ince	Sep. 15, 1965	6 1/2	30	60	16	"	D	Brown sandy clay 17; limestone 60. Water at 50.
Con II	J. Thompson	Cross Bros.	July 4, 1966	6 1/2	2	140	60	"	D	Sandy loam 30; grey clay 90; quicksand 130; limestone 146. Water at 140.
Con II	D. Biggs, Harriston Development Ltd.	F. Ince	Mar. 31, 1964	6 1/2	15	60	40	"	D, S	Brown sandy clay 15; blue clay 63; limestone 70. Water at 65.
Con III	M. Robb	S. Gill	Oct. 15, 1967	6 1/2	10	50	8	"	D, S	Sandy clay 5; grey clay and sand 21; sand and clay 37; grey rock 67. Water at 67.
Con III	M. Misener	"	July 29, 1965	6 1/2	2 1/2	33	16	"	D	Blue clay 29; grey rock 36. Water at 30 and 34.
Con III	R. Knight	"	Sep. 22, 1966	6 1/2	2	32	15	Sulphur	D	Sandy clay 12; blue clay 17; sandy clay 23; limestone 33. Water at 32.
Con III	A. Robinson	W. Packham	Dec. 5, 1966	6 1/2	10	40	17	Fresh	D	Sort clay 32; hardpan 35; bedrock 50. Water at 48.
Con III	W. Buchanan	"	Sep. 14, 1967	6 1/2	6	45	28	Sulphur	D	Clay 19; bedrock 48. Water at 45.
Con III	R. Hunter	"	May 9, 1967	6 1/2	8	80	45	Fresh	D	Clay 26; limestone 86. Water at 70.
Con III	A. McCoy	S. Gill	Jan. 10, 1964	6 1/2	10	40	30	Sulphur	D, S	Blue clay 72; grey rock 97. Water at 84 and 95.
Con III	"	"	Feb. 10, 1964	6 1/2	2	80	33	Fresh	D	Dug well 20; grey sandy clay 66; grey limestone 89. Water at 75 and 82.
Con III	R. Winchester	G. Wallis	Sep. 16, 1967	6 1/2	30	40	18	"	D	Brown clay 12; grey clay 67; grey limestone 74. Water at 73.
Con III	A. Striffler	Cross Bros.	Oct. 19, 1964	6 1/2	10	20	10	"	D	Sandy loam 15; brown clay 32; quicksand 53; limestone 73. Water at 73.
Con III	R. Brown	G. Wallis	Aug. 10, 1965	6 1/2	4	66	32	"	D	Brown sandy clay 19; grey clay 59; white limestone 81. Water at 79.
Con III	Evergreen Farm	W. Packham	Nov. 18, 1966	6 1/2	30	50	18	"	D	Dug well 25; soft clay 45; hard clay 65; limestone 77. Water at 75.
Con III	A. Cuthine	"	May 10, 1967	6 1/2	1	80	35	"	D	Clay 20; sandy clay 66; limestone 83. Water at 75.
Con III	G. Kwakernook	Hadco Well Drlg. & Drilling Ltd.	Oct. 9, 1967	30	3	24	12	"	D	Sandy fill 2; brown sandy clay 16; blue sandy clay 18; blue marl 25. Water at 16 and 18.
Con III	E. Abel	Cross Bros.	Sep. 30, 1966	6 1/2	3	45	18	"	D	Dug well 20; brown clay 32; limestone 48. Water at 46.

WENTWORTH COUNTY - cont.									
Beverly Twp. - cont.									
Con III	W. Pillhofer	S. Gill	June 22, 1965	64	10	60	13	D	Blue clay 12; silt 29; grey rock 71. Water at 63 and 66.
Con III	G. Kwaternook	Hadco Well Drig. & Digging Ltd.	Oct. 9, 1967	30	2	28	16	D	Topsoil 1; sandy brown clay 20; blue sand 26; blue clay 30.
Con III	"	"	Oct. 9, 1967	2	23	23	16	D	Topsoil 1; brown sandy clay 18; blue sand 25. Water at 14 and 18.
Con III	J. Huisman	H. Johnson	June 10, 1967	36	80	14	14	D	Brown clay and sand 12; fine sand 24. Water at 10.
Con III	W. Suively	"	July 18, 1966	36				D	Black loam 1; brown sand 6; hard blue clay 20; bedrock 20. Dry hole.
Con III	"	G. Wallis	May 16, 1967	64	1	56	14	D	Brown sandy soil 5; grey clay 20; white limestone 70. Water at 45.
Con IV	A. Nowell	S. Gill	Nov. 25, 1966	64	10	30	Flows	D, S	Brown clay 18; brown clay and stones 42; brown rock 124.
Con IV	J. Patrick	"	Mar. 5, 1964	64	7	60	37	D	Brown clay 20; sandy clay 58; grey limestone 72. Water at 65 and 70.
Con IV	O. Robb	"	Oct. 10, 1964	64	7	55	4	D	Blue clay 10; grey clay 19; grey rock 33. Water at 32.
Con IV	S. Smith	"	Aug. 3, 1965	64	10	36	16	D	Blue clay 15; silt 43; rock 56. Water at 55.
Con IV	O. Sager	"	Oct. 8, 1967	64	10	36	6	D, S	Brown sand and clay 30; stone and gravel 43; limestone 114. Water at 114.
Con IV	R. Soley	"	Feb. 2, 1964	64	9	30	20	D	Dug well 16; grey rock 42. Water at 40.
Con IV	A. Jones Bldr.	"	Jan. 28, 1964	64	7	30	7	D	Brown clay 3; grey rock 44. Water at 39 and 42.
Con IV	Corporation of County of Wentworth	C. Hill	Dec. 13, 1965	4	8	80	23	P	Clay and fill 3; broken shale 18; grey rock 90; brown rock 116. Water at 116.
Con IV	Rockton Agricultural Society	W. Packham	Dec. 2, 1967	64	30	15	12	P	Clay 2; shaly rock 7; bedrock 77. Water at 30.
Con IV	A. James	S. Gill	Oct. 15, 1967	64	5	39	35	D	Limestone 57. Water at 57.
Con IV	R. Patterson	C. Hill	June 28, 1965	4	15	45	25	D	Clay 17; grey rock 56. Water at 56.
Con IV	E. Overmyer	S. Gill	June 28, 1965	64	15	25	8	D	Clay 1; limestone 42. Water from 38 to 42.
Con IV	J. Vanderhout	F. Ince	May 14, 1965	64	15	75	3	Ir	Brown clay 4; shale 6; limestone 225; shale 300. Water at 80.
Con V	F. Hauppott	"	Mar. 6, 1967	64	25	10	3	D	Brown clay 2; limestone 21. Water at 20.
Con V	E. Hamilton	S. Gill	Oct. 22, 1965	64	22	64	8	D	Deepened well 41; limestone 67. Water at 65.
Con V	G. Waternak	"	Apr. 14, 1964	64	10	20	5	D	Gray rock 36. Water at 30 and 35.
Con V	Pioneer Village	"	July 8, 1964	64	10	25	12	D	Limestone and grey rock 51. Water at 40 and 50.
Con V	W. Pfeffer	C. Hill	July 20, 1965	4	8	20	13	D	Gray rock 34. Water at 34.
Con V	D. Richardson	A. Earley	Aug. 5, 1964	4	15	28	10	D	Clay and stones 4; brown rock 15; blue rock 31. Water at 31.
Con V	W. Hawkins	"	Apr. 4, 1966	4	15	22	6	D	Topsoil 1; brown clay and stones 3; blue rock 32. Water at 32.
Con V	M. Kears	"	Apr. 29, 1966	48	10	55	20	D	Topsoil 1; sand clay and gravel 23; limestone 107. Water at 107.
Con V	H. Maurer	"	May 6, 1966	64	10	40	20	S	Previously drilled 60; limestone 78. Water at 78.
Con V	R. Maurer	C. Hill	June 3, 1965	4	5	80	20	D	Clay and gravel mixed 60; brown limestone 82. Water at 82.
Con V	R. Achornholz	J. Anderson	Oct. 13, 1965	64	7	80	10	D	Brown clay 56; brown rock 84. Water at 84.
Con V	S. Watterworth	S. Gill	July 30, 1967	64	8	42	14	D	Fine gravel 61; limestone 68. Water at 67.
Con V	"	"	"	64	5	37	30	D	Gravel, clay and stone 12; boulders and gravel 29; limestone 61. Water at 61.
Con V	G. Durham	"	July 29, 1967	64	10	30	9	D	Sandy clay and stones 17; grey rock 35. Water at 35.
Con V	R. Moore	"	Aug. 2, 1967	64	10	32	25	D	Grey gravel, clay and stone 15; boulders and gravel 26; limestone 61. Water at 61.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations stand below the surface are given in feet)
WENTMORCH COUNTY - cont.										
Beverly Twp. - cont.										
Con V lot 31	B.Griffiths	J.Anderson	Dec. 2, 1967	6 1/4	16	11	8	Fresh	D	Brown clay 6; grey stone 36. Water at 32.
Con V " 32	J.Veltkamp	S.Gill	Sep. 6, 1965	6 1/4	12	30	10	"	D	Brown clay 2; grey rock 48. Water at 35 and 46.
Con V " 33	H.Mantel	E.Pegg	June 23, 1966	5	10	9	6	"	D	Topsoil 13; limestone 12; layer of Grey Granite 20; brown limestone 26. Water at 22.
Con V " 35	L.Zawiski	J.Ruttan	Aug. 4, 1966	6 1/4	7	39	7	"	D, S	Dug well 4; brown limestone 39. Water at 30 and 36.
Con VI " 2	H.Carson	B.O'Connor	Jan. 30, 1967	6 1/4	12	20	8	"	D	Topsoil 2; brown soil and stones 15; limestone 28. Water at 25.
Con VI " 7	R.Whitham	S.Gill	Oct. 21, 1966	6 1/4	20	46	36	"	D	Clay and stone 19; limestone 104. Water at 104.
Con VI " 7	R.Rockford	C.Hill	June 8, 1965	4	10	35	27	"	D	Clay 18; grey limestone 84. Water at 84.
Con VI " 7	R.Burmaster	"	Apr. 12, 1967	4	12	40	16	"	D	Sandy clay 19; grey limestone 103. Water at 103.
Con VI " 7	E.Miller	S.Gill	June 8, 1967	6 1/4	10	18	7	"	D	Brown clay and stone 12; sand and clay and stone 22. Water at 52.
Con VI " 8	C.Kennedy	G.Wallis	Mar. 7, 1966	6 1/4	20	28	15	"	D	Brown gravelly clay and stones 20; clay sand and gravel 40; brown sand 42; coarse sand and fine gravel 46. Water at 40.
Con VI " 8	O.Volmers	Graham Well Drlg.	Dec. 22, 1965	5	10	50	30	"	D	Brown clay and large stones 12; brown clay and gravel 15; dark brown rock 34; dark grey rock 72; light grey rock 109; brown rock 128. Water at 128.
Con VI " 10	W.Creze	C.Hill	May 4, 1964	4	4	30	10	"	D	Clay 4; grey limestone 51. Water at 51.
Con VI " 11	A.Gusowski	S.Gill	July 22, 1964	6 1/4	30	25	8	"	S	Topsoil 7; grey rock 54. Water at 35 and 54.
Con VI " 12	H.Kelly	C.Hill	Dec. 2, 1965	4	10	25	12	Sulphur	D	Clay 3; hard dark grey rock 75. Water at 75.
Con VI " 12	Southern Ont. Soaring Club	S.Gill	July 6, 1966	6 1/4	25	15	12	Fresh	D	Limestone 40. Water from 18 to 40.
Con VI " 12	O.Bardson	"	July 10, 1967	6 1/4	5	10	Flows	"	C	Topsoil 4; grey clay 9; limestone 26. Water at 26.
Con VI " 22	R.Larduyt	Elliott Drlg.	May 11, 1965	4	10	20	15	"	D	Loose rock 5; limestone 74. Water at 73.
Con VI " 26	W.McGathering-	J.Anderson	Nov. 17, 1964	6 1/4	5	63	15	"	D	Limestone 668. Water from 20 to 668.
Con VI " 31	G.Heathering-	S.Gill	Mar. 13, 1967	6 1/4	20	10	7	"	D	Sandy clay 11; grey rock 40. Water from 30 to 40.
Con VI " 32	S.Nimison	"	Feb. 2, 1964	6 1/4	10	30	26	"	D	Dug well 11; clay 19; grey rock 62. Water from 50 to 60.
Con VI " 36	N.Shaver	W.Packham	Oct. 25, 1965	6 1/4	2	110	60	"	D, S	Topsoil clay. loam 5; clay and hardpan 8; bedrock 120. Water at 115.
Con VII " 1	G.Spencer	H.Edyvean	Dec. 14, 1966	5	8	44	30	"	D	Dug well 18; hardpan 68; limestone 71. Water from 70 to 71.
Con VII " 1	M.Noctor	G.Wallis	Sep. 9, 1966	6 1/4	8 1/2	44	18	"	D	Brown gravelly clay and stones 18; gravelly grey clay 46; light grey limestone 58. Water at 55.
Con VII " 2	M.Dasilva	S.Gill	Aug. 7, 1967	6 1/4	15	18	12	"	D, S	Topsoil and boulders 5; limestone 40. Water at 40.
Con VII " 5	M.&M. Calvert	C.Hill	Jan. 20, 1967	4	10	80	30	"	D, S	Clay and gravel mixed 31; grey limestone 137. Water at 137.
Con VII " 9	M.Deir	S.Gill	Dec. 14, 1966	6 1/4	15	80	55	"	D, S	Clay and stones 20; coarse sand 53; grey rock 128. Water at 128.
Con VII " 10	P.Pallinski	J.Anderson	May 15, 1967	6 1/4	16	15	8	"	D, S	Hard grey limestone 25. Water at 22.
Con VII " 12	S.Chen	S.Gill	Oct. 22, 1966	8 1/4	28	22	11	"	D, S	Sandy clay and stone 10; grey limestone 60. Water at 60.
Con VII " 18	Kirkwall Presbyterian Church	"	Sep. 14, 1966	8 1/4	8	83	35	"	D	Sandy clay with stones 20; limestone 93. Water from 90 to 93.
Con VII " 19	P.Dykman	W.Baird	Sep. 7, 1966	4	7	36	33	"	D, S	Previously drilled 40; grey limestone 67. Water at 65 and 67.
Con VII " 19	M.McQueen	S.Gill	Sep. 18, 1966	6 1/4	15	43	14	"	D	Brown clay and loose stone 4; limestone 53. Water from 50 to 53.
Con VII " 23	A.Lotspeich	Graham Well Drlg.	June 22, 1967	5	10	40	13	"	D	Topsoil 1; light brown rock 5; grey rock 34; light brown rock 40; grey rock 65; dark brown rock 79. Water at 79.
Con VII " 34	H.Stein	J.Anderson	May 26, 1965	6 1/4	12	12	12	"	C	Broken brown rock 10; limestone 62. Water at 61.

Beverly Twp. - cont.

See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Beverly Twp. - cont. Con IX	L.Jamison	W.Packer	Jan.15,1964	6½	20	25	12	Fresh	S	Sandy loam with gravel 20;clay with gravel 28;soft white rock 40. Water at 37.
	" 32	M.Wigood	June30,1967	6½	12½	20	13	"	D	Coarse gravel 10;fine sand 40;clay 75;black shale 80. Water at 78.
	" 33	J.McEdwards	Aug. 1,1964	6½	7	29	16	"	D	Grey clay with streaks of gravel 29;limestone 46. Water at 42.
	" 33	R.Wise	Oct. 2,1967	6½	10	41	15½	"	D,S	Sand stones 10;sand and grey clay 50;black shale 57. Water at 55.
	" 1	W.Miller	July 3,1964	6½	30	50	25	"	D	Stones and gravel 20;sandy clay 100;sand and gravel 105; gravel 100;bedrock 110. Water at 108.
	" 3	L.Jamieson	Sep.13,1966	6½	25	30	13	"	P	Brown clay 15;sandy clay 63;gravel 70. Water at 70.
	" 6	T.Kennaway	Nov.29,1965	5	10	75	30	"	D	Topsoil 34;dark brown clay and stones 63;brown sand 75;light grey gravel 40;brown clay and stones 63;brown sand 75;light grey clay 96;dark grey rock 123;light brown rock 146. Water at 140.
	" 7	A.Allen	June30,1965	6½	10	40	40	"	D	Mixed clay and gravel 52. Water at 50.
	" 7	P.Babb	May 18,1967	6½	20	24	14	"	D	Brown sand gravel and boulders 34;gravelly blue clay 40; medium gravel 41. Water at 40.
	" 19	Shaver Poultry Farms	Feb.18,1964	7	20	22	10	"	S	Clay 18;grey rock 47. Water from 32 to 47.
	" 19	J.Cook	Apr.29,1966	7	40	14	6	"	S	Soft brown clay 33;grey limestone 66. Water at 65.
	" 21	"	Aug. 6,1966	6½	11	33	11	"	D	Gravelly brown clay 9;yellow clay sand gravel and stones 20; white limestone 47. Water at 45.
	" 25	H.Lesman	Oct.15,1967	6½	10	6	6	"	D	Topsoil 1;limestone 20. Water at 17.
	" 28	P.Procee	Nov.13,1967	6½	13½	38	29	"	D,S	Clay 5;grey stone 61. Water at 59.
	" 33	R.Wise	Dec.21,1964	6½	7	25	10	"	D	Bedrock and grey limestone 35. Water at 10.
	" 35	T.Smith	Sep.10,1965	6½	4	20	15	"	D	Clay gravel 8;grey rock 31. Water at 29.
	" 35	R.Kelly	Sep.25,1967	6½	20	35	11	"	D	Sand and gravelly brown clay 35;gravelly grey clay 54;fine gravel 56. Water from 54 to 56.
	" 35	A.Williams	Nov.17,1967	6½	15	24	18	"	D	Clay and stone 20;grey stone 34. Water at 30.
	" 36	K.Edwards	Apr.15,1964	4½	10	60	30	"	D,S	Dug well 34;brown gravel 38;brown sand 75;dark brown rock 110;grey rock 115. Water at 115.
	" 36	S.Milosevic	Oct.13,1966	6½	8	32	10	"	D	Brown clay with pebbles 35;gravel 47. Water at 47.
Blinbrook Twp. Block 1	lot 1	B.Campbell	Oct.16,1965	6	15	18	14	Sulphur	D	Brown clay 8;Niagara rock 30. Water at 30.
	Con I	L.Packham	July24,1965	6½	4	30	10	Fresh	D	Clay 21;limestone 35. Water at 30.
	Con I	E.Constable	May 23,1966	6½	10	20	10	"	D	Brown clay 4;blue clay and boulders 30;limestone 45. Water at 40.
	" 5	A.McEvoy	July24,1965	7½	30	20	16	"	S	Old pipe pulled, replaced. Clay 31;rock 36. Water at 34.
	Con I	J.Lewis	May 19,1967	7½	20	20	5	"	D	Topsoil 1;brown clay 15;clay and boulders 34;limestone 41. Water at 40.
	" 5	"	"	"	"	"	"	"	"	"
	Con II	T.Zettler	Aug.23,1967	6½	10	30	20	Sulphur	D	Brown clay 12;grey limestone 37. Water at 35.
	Con II	C.Breukelman	Sep.21,1964	6½	18	36	25	Fresh	D	Topsoil 1;brown clay 35;limestone 44. Water at 42.
	Con II	G.Kabisch	Mar. 3,1966	8	10	20	15	"	D	Brown clay 23;blue clay 20;gravel and shale 33. Water at 33.
	Con II	P.Hoffman	Sep.11,1965	8	10	25	15	"	D	Brown clay 19;blue clay 26;grey shale 28. Water at 28.
	Con II	S.Schoeman	Mar.11,1967	6	10	30	15	"	D	Brown clay 10;blue stony clay 53;limestone 38. Water at 37.
	Con II	A.Rougaliski	Nov. 3,1967	6	20	18	15	"	D	Brown clay 10;blue clay 19;limestone 29. Water at 27.
	" 4	R.Lambert	Apr. 5,1966	6	10	15	8	"	D	Blue clay 20;grey limestone 27. Water at 26.



Binbrook Twp. - cont.

Block 3  
Con  
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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Binbrook Twp. - cont. Block 3 cont.										
Con II	lot 3	C.Tenpenny	Aug.15,1965	5	3	35	20	Fresh	D	Topsoil 3;brown clay 20;blue clay and boulders 38;limestone 40. Water at 39.
Con II	"	G.Wallis	Nov.30,1967	6 1/4	1 1/2	38	1 1/2	"	D	Brown clay 15;grey clay 19;grey limestone 43. Water at 38.
Con II	"	N.Phillips	Sep.18,1966	6 1/4	7	35	15	"	D	Clay 11;limestone 38. Water at 35.
Con II	"	A.Andrusovich	July 4,1964	6	8	20	15	"	D	Topsoil 1;brown clay 16;limestone 28. Water at 28.
Con II	"	P.Ray	Apr.18,1967	6 1/4	20	30	20	"	D	Brown clay 17;blue clay 48;fine gravel 50. Water at 49.
Con III	"	G.Murphy	Mar.30,1966	6 1/4	10	25	20	"	D,S	Brown clay 25;blue clay 48;grey limestone 49. Water at 49.
Con III	"	E.Howard	Apr.28,1965	6 1/4	10	25	20	"	D	Brown clay 20;blue clay 78;hardpan 80;coarse gravel 82 1/2. Water at 80.
Con III	"	F.Ince	Mar.15,1966	6 1/4	7	70	50	"	D	Brown clay 10;blue clay 69;limestone 77. Water at 76.
Con III	"	E.Constable	Dec. 7, 1964	5 1/2	3	92	78	Sulphur	D	Topsoil 4; brown clay 20;blue clay 70;coarse gravel 75;limestone 98. Water at 84.
Con III	"	P.Merritt	June16,1966	6 1/4	10	25	20	Fresh	D	Brown clay 45;limestone 51. Water at 50.
Con III	"	E.Constable	June21,1967	6 1/4	10	25	20	"	D	Topsoil 5;blue clay 35;limestone 38. Water at 36.
Con IV	"	G.Baergerow Jr.	Oct.22,1966	5	3	60	30	"	D	Topsoil 4;brown clay 20;blue clay 70;coarse gravel 76. Water at 72.
Block 4										
Con I	lot 1	C.Swayze	Nov. 3, 1966	6 1/4	4	41	22	"	S	Brown clay 14;grey clay 20;grey limestone 55. Water at 40 and 52.
Con I	"	G.Bertolio	Mar. 8, 1965	6 1/4	3	50	23	"	D	Topsoil 1;brown clay 35;limestone 53. Water at 52.
Con I	"	W.Packham	Aug.12,1964	6 1/4	20	50	36	Sulphur	D	Clay 60;sand and gravel 63;gravel 65. Water at 65.
Con I	"	"	Sep.18,1966	6	20	15	10	Fresh	D	Clay 16;limestone 25. Water at 23.
Con I	"	E.Constable	June 8, 1967	6	20	16	8	"	D	Topsoil 2;blue clay 16;limestone 40. Water at 25.
Con II	"	F.Ince	Jan.16,1964	6	20	20	15	"	D	Brown clay 10;blue clay 25;limestone 30. Water at 30.
Con II	"	G.Cross Bros.	May 19, 1964	6	5	20	15	"	D	Brown clay 26;limestone 29. Water at 29.
Con II	"	F.Ince	July24,1964	6 1/4	10	18	7	"	D	Brown clay 6;blue clay 21;gravel 21 1/2;limestone 24. Water at 21 1/2.
Con II	"	W.Packham	Aug. 8, 1964	6 1/4	10	22	20	"	D	Clay topsoil 6;soft yellow loam 27;limestone 30. Water at 28.
Con II	"	"	Sep.28,1965	6 1/4	10	28	18	"	D	Clay 15;silty clay loam 27;bedrock 33. Water at 31.
Con II	"	G.Cross Bros.	Nov. 3, 1965	6 1/4	1	68	30	Sulphur	D	Brown clay 26;blue clay 37;limestone 68. Water at 64.
Con II	"	F.Ince	July15,1966	6	15	45	30	"	D	Brown clay 15;blue clay 33;limestone 65. Water at 64.
Con II	"	"	Sep.15,1966	6 1/4	10	25	25	"	D	Brown clay 10;blue clay 21;limestone 58. Water at 58.
Con III	"	F.Merritt	Nov.11,1964	6	10	45	30	Fresh	D	Brown clay 22;blue clay 67;clay and gravel 86;shale 87. Water at 87.
Con III	"	Binbrook Bldrs	May 14, 1965	6 1/4	15	70	47	"	D	Brown clay 15;blue clay 81;shale 82. Water at 82.
Con III	"	F.Ince	Nov.20,1965	6 1/4	5	42	20	"	D	Brown clay 20;blue clay and boulders 80;coarse gravel 89. Water at 80.
Con III	"	E.Constable	July28,1967	6 1/4	15	75	65	"	D	Brown clay 15;blue clay 83;shale 85. Water at 85.
Con III	"	Church House	Nov. 1, 1967	6 1/4	1	63	30	"	D	Brown clay 12;blue clay 40;limestone 63. Water at 60.
Con III	"	L.Roberts	Mar.11,1965	5	16	49	48	"	S	Grey clay 68;Niagara rock 87. Water at 86.
Con III	"	R.Denninger	May 12, 1967	6 1/4	20	65	60	"	D	Clay 82;shale 83;rock 85. Water at 83.
Con III	"	H.Lewis Bldr	July 3, 1964	6	3	32	25	"	D	Topsoil 4;brown clay 20;grey clay 37;limestone 56. Water at 56.
Con III	"	W.Scriven	May 7, 1965	6 1/4	10	30	25	"	D	Blue clay 65;clay and boulders 71;limestone 85. Water at 84.
Con III	"	P.Merritt	Apr. 7, 1966	6	6	60	40	"	D	Brown clay 25;blue clay 75;grey limestone 93. Water at 76 and 93.





# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Binbrook Twp. - cont.										
Con VII lot 23	R. Hachey	F. Ince	Apr. 4, 1967	6 1/2	15	50	15	Fresh	D	Brown clay 15; blue clay 59; shale 60. Water at 60.
Con VII lot 24	W. Tautz	W. Packham	Nov. 25, 1965	6 3/4	30	25	16	"	D	Clay 53; gravel 55. Water at 55.
Con VII lot 24	"	F. Merritt	July 28, 1966	6 3/4	10	30	25	"	S	Brown clay 60; gravel 62. Water at 62.
Con VII lot 28	VanHoeve Const.	Cross Bros.	Oct. 12, 1966	6 3/4	10	50	40	Sulphur	D	Brown clay 40; blue clay 49; gravel 50; limestone 65. Water at 65.
Con VII lot 29	K. Hanneman	"	Oct. 26, 1964	6 1/2	5	32	16	Fresh	D	Topsoil 1; brown clay 41; limestone 53. Water at 53.
Con VII lot 22	N. Dodd	F. Ince	May 26, 1967	6 3/4	20	30	20	"	D	Brown clay 15; blue clay 52; shale. Water at 52.
Con VIII lot 26	W. May	"	Jan. 15, 1964	6 3/4	8	45	20	Sulphur	D, S	Brown clay 12; blue clay 42; limestone 51. Water at 45.
Con IX lot 17	G. Berry	W. Packham	Aug. 8, 1966	6 3/4	7	60	35	Fresh	D, S	Clay 61; shaly rock 66. Water at 62.
Dundas Town										
Hopkins Court lot 12	R. Tomlinson	Hadco Well Drilling Ltd.	Jan. 4, 1967	30	3	28	20	Fresh	D	Brown clay 8; red clay 20; gravel 22; red clay 26; blue sandy clay 30. Water at 20.
East Flamborough Twp.										
Con III lot 1	S. Debruin	G. Wallis	Dec. 3, 1964	6 1/2	6	22	6	Fresh	D	Brown clay and stones 6 1/2; broken limestone 9; grey limestone 36. Water at 22 and 35.
Con III lot 2	B. Muckle	B. O'Connor	Nov. 9, 1966	6 1/2	3	30	10	"	D	Topsoil 2; brown soil 10; limestone 35. Water at 33.
Con III lot 5	Villere of Watertown	S. Gall	Dec. 19, 1964	8	11 1/2	7	Flows	"	P	Sand and gravel 1; light grey clay 3; clay fine sand gravel and boulders 34; blue clay 41; grey and white fine and coarse sand fine gravel 46; fine and coarse sand and small red gravel 48; clay layer blue grey 49; white and grey sand and gravel 55; gravel sand and blue clay 70; shale 76. Water at 46 and from 49 to 55. Artesian.
Con III lot 8	H. Smith	J. Rutten	Feb. 26, 1964	6	1	53	22	Fresh	D	Fill 5; brown clay 16; grey limestone 36; blue shale 38; blue dolomite 46; green layer and hard shale 55. Water at 25 and 48.
Con III lot 8	"	"	May 9, 1964	6 1/2	6	46	8	"	D	Fill 5; brown clay 11 1/2; grey limestone 36; blue dolomite 46. Water at 25 and 36.
Con III lot 8	S. Murray	F. Ince	Sep. 16, 1964	6 1/2	20	30	25	"	D	Brown clay 15; blue clay 28; limestone 45. Water at 43.
Con III lot 8	E. Schein	J. Rutten	Mar. 30, 1965	6 1/2	4 1/2	40	3	"	D	Silt 5; grey limestone 25; blue shale 35; red shale 40. Water at 17.
Con III lot 8	"	"	Apr. 1, 1965	6 1/2	4 1/2	42	5	"	D	Silt 8; grey limestone 23; blue shale 35; red shale 42. Water at 23.
Con III lot 8	H. Smith	B. O'Connor	June 8, 1965	6 1/2	8	55	35	"	D	Topsoil 2; sandy gravel 33; limestone 65. Water at 60.
Con III lot 8	"	"	July 15, 1965	6 1/2	6	30	20	"	D	Topsoil 3; grey soft shale 13; limestone 35. Water at 28.
Con III lot 8	"	"	Sep. 2, 1966	6 1/2	2	50	12	"	D	Topsoil 2; brown clay 11; limestone 56. Water at 22.
Con III lot 8	J. Fleper	Cross Bros.	Nov. 18, 1966	6 1/2	2	48	20	"	D	Topsoil 1; brown clay 14; limestone 45; blue shale 51. Water at 48.
Con III lot 8	H. Smith	B. O'Connor	Oct. 11, 1967	6 1/2	5	40	8	"	D	Topsoil 2; blue clay 19; limestone 46. Water at 43.
Con III lot 8	"	"	Dec. 2, 1967	6 1/2	5	30	15	"	D	Topsoil 2; brown clay 14; limestone 35. Water at 30.
Con III lot 9	B. Owen	J. Rutten	Feb. 23, 1964	6	1	47 1/2	11	"	D	Fill 7; brown clay 15; grey limestone 37; blue shale 38; blue dolomite 46; hard blue shale 47 1/2. Water at 22 and 37.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
East Pierborough Twp. - cont.										
Con III lot 10	D.&C. Constr.	Cross Bros.	Sep.15,1966	6 1/2	4	60	30	Fresh	D	Brown clay 30;limestone 63;blue shale 65. Water at 62.
Con III "	"	"	Nov.16,1966	6 1/2	5	50	30	"	D	Brown clay 37;limestone 62. Water at 60.
Con III "	H.Hulsman	W.Packham	Mar. 9,1966	6 1/2	2	55	4	"	D	Clay 21;limestone 35;grey shale 50;red shale 55. Water at 25 and 50.
Con III "	Bldr	P.Ince	May 24,1967	6 1/2	4	65	30	"	D	Brown clay 10;blue clay 34;limestone 70. Water at 60.
Con III "	L.Hamilton	"	May 27,1967	6 1/2	10	20	10	"	D	Brown clay 19;limestone 30. Water at 30.
Con III "	D.&C. Constr.	Cross Bros.	May 27,1967	6 1/2	7	90	40	"	D	Old drilled well 67;mud 76;blue shale 100. Water at 98.
Con III "	A.Murray	"	July 10,1967	6 1/2	1	110	50	Salty	D	Clay and stones 17;limestone 40;blue shale 60;red shale 75; blue shale 115. Water at 110. Casing pulled.
Con III "	J.Robbie	"	July 18,1967	6 1/2	1	110	50	"	D	Clay and stones 17;limestone 40;blue shale 60;red shale 75; blue shale 115. Water at 110. Casing pulled.
Con III "	J.Kanciar Bldr	"	July 20,1967	6 1/2	15	30	20	Fresh	D	Brown clay and stones 33;limestone 44;blue shale 49. Water at 46.
Con III "	Milden Dev.Ltd.	"	July 22,1967	6 1/2	5	40	20	"	D	Brown clay 20;limestone 49. Water at 47.
Con III "	O.Stewart	"	July 24,1967	6	10	30	40	"	D	Previously drilled well 80;soft mud 90;blue shale 103. Water at 100.
Con III "	Milden Dev.Ltd.	"	May 31,1967	6 1/2	1 1/2	75	32	"	D	Brown clay 42;limestone 80;blue clay 82. Water at 79.
Con III "	"	"	Aug. 17,1967	6 1/2	2	70	30	"	D	Brown clay 33;limestone 70;blue shale 75. Water at 70.
Con III "	Schien Constr. Ltd.	"	July 10,1964	6	10	30	20	"	D	Topsoil 1;brown clay 16;limestone 44. Water at 44.
Con III "	D.& C. Constr.	"	May 11,1965	6 1/2	3	70	40	"	D	Brown clay 39;limestone 70;blue shale 75. Water at 65.
Con III "	"	"	May 17,1965	6 1/2	3	75	40	"	D	Brown clay 44;limestone 75;blue shale 82. Water at 70.
Con III "	"	"	June 3,1965	6	4	75	36	"	D	Brown clay 32;fine gravel 36;grey clay 42;limestone 80. Water at 75.
Con III "	Mattiacci	"	June 16,1965	6 1/2	2	80	35	"	D	Brown clay 34;grey clay 44;limestone 80;blue shale 84. Water at 75.
Con III "	C.Hemrick Constr.	P.Ince	July 6,1965	6 1/2	3	40	0	"	D	Brown clay 10;blue clay 21;shale 48. Water at 44.
Con III "	D.&C. Constr.	Cross Bros.	Aug. 3,1965	6 1/2	12	36	30	"	D	Brown clay 22;grey clay 38;limestone 43. Water at 43.
Con III "	"	"	Aug. 4,1965	6 1/2	10	16	10	"	D	Brown clay 15;limestone 23. Water at 23.
Con III "	"	"	Sep. 29,1965	6 1/2	8	20	35	"	D	Brown clay 20;grey clay 44;limestone 74. Water at 70.
Con III "	E.Sheppard	B.O'Connor	May 1,1964	6 1/2	2	25	30	"	D	Topsoil 2;blue clay 11;limestone 40. Water at 45.
Con III "	J.Dydzak	"	Oct. 2,1964	6 1/2	15	10	10	"	D	Topsoil 4;limestone 30. Water at 20.
Con III "	Golfland	W.Packham	June 3,1965	6 1/2	15	60	9	"	Ir	Clay 15;bedrock 55;grey shale 65. Water at 45.
Con III "	Watertown Ltd	Hadco Well	Aug. 9,1965	6 1/2				"		Previously dug well 10;brown clay 16;blue clay 25;brown clay 40;red shale. Dry hole.
Con III "	Napies Macar-Coni Co.Ltd.	Digging Ltd.	Sep. 27,1966	8	70	10	4	"	P	Topsoil 3;shale 8;limestone 40;blue shale 42. Water at 35.
Con III "	Golf Course	Cross Bros.	Oct. 6,1966	6 1/2	4	28	14	"	D	Brown clay 18;limestone 29. Water at 25.
Con IV "	S.Hill	"	June 4,1964	6 1/2	10	30	15	"	D	Brown clay and boulders 27;limestone 48. Water at 45.
Con IV "	Starlite	"						"		
Con IV "	Homes	J.Ruttan	Apr. 12,1966	6 1/2	4	24	4	"	D	Brown clay 6;limestone 41. Water at 11, 19 and 24.
Con IV "	W.Ursel	B.O'Connor	Aug. 22,1966	6 1/2	4 1/2	40	22	"	S	Topsoil 2;sandy Gravel 11;limestone 42. Water at 22.
Con IV "	E.Rodney	J.Ruttan	June 28,1966	6 1/2	20	23	23	"	D	Brown sand 21;grey clay and boulders 37;layered limestone 44;grey limestone 49. Water from 35 to 44.
Con IV "	R.Hibberd	"						"		Dug well 10;sandy clay 21;limestone 42. Water at 40.
Con IV "	A.Agro	P.Ince	Feb. 28,1964	6 1/2	5	36	10	"	D	Topsoil 3;grey clay and boulders 40;blue shale 47. Water at 45.
Con IV "	A.Thompson	B.O'Connor	Mar. 6,1964	6 1/2	6	45	22	"	D	
Con IV "	"	P.Ince	May 16,1964	6 1/2	25	35	33	"	D	Brown clay 4;brown sandy clay 43;limestone 50. Water at 48.



WENTWORTH COUNTY - cont.									
East Plamborough Twp. - cont.									
Con IV	lot 7	A. Thompson	F. Ince	May 17, 1964	6 1/2	20	39	35	D
Con IV	"	"	"	May 5, 1964	6 1/2	10	38	30	D
Con IV	"	"	"	May 7, 1964	6 1/2	25	35	40	D
Con IV	"	"	"	Aug. 5, 1964	6 1/2	20	42	40	D
Con IV	"	"	"	Aug. 6, 1964	6 1/2	20	39	37	D
Con IV	"	"	"	Sep. 25, 1964	6 1/2	15	38	35	D
Con IV	"	"	"	Sep. 26, 1964	6 1/2	10	42	40	D
Con IV	"	"	"	Dec. 1, 1964	6 1/2	40	42	38	D
Con IV	"	"	"	Dec. 4, 1964	6 1/2	20	40	38	D
Con IV	"	"	"	Nov. 6, 1965	6 1/2	20	87	20	D
Con IV	"	"	"	Dec. 15, 1965	6 1/2	20	34	32	D
Con IV	"	"	"	Dec. 17, 1965	6 1/2	1 1/2	70	15	D
Con IV	"	"	"	Jan. 11, 1966	6 1/2	3	70	15	D
Con IV	"	"	"	Jan. 12, 1966	6 1/2	20	25	15	D
Con IV	"	"	"	Apr. 22, 1966	6 1/2	20	32	28	D
Con IV	"	"	"	Apr. 25, 1966	6 1/2	10	32	30	D
Con IV	"	"	"	July 29, 1966	6 1/2	15	32	14	D
Con IV	"	"	"	June 1, 1966	6 1/2	12	40	25	D
Con IV	"	"	"	June 12, 1966	6 1/2	20	40	38	D
Con IV	"	"	"	June 9, 1966	6 1/2	2 1/2	70	20	D
Con IV	"	"	"	July 28, 1966	6 1/2	10	30	15	D
Con IV	"	"	"	Dec. 20, 1966	6 1/2	20	41	38	D
Con IV	"	"	"	Nov. 3, 1965	6 1/2	20	41	38	D
Con IV	"	"	"	Nov. 4, 1965	6 1/2	15	40	33	D
Con IV	"	"	"	Jan. 9, 1964	6 1/2	3	38	30	D
Con IV	"	N. Taylor	W. Packham	Sep. 18, 1964	6 1/2	10	50	33	D
Con IV	"	C. Haverleg Bldr.	J. Rutten	Mar. 11, 1967	6 1/2	1 1/2	40	1	D
Con IV	"	R. Poirier	W. Packham	Jan. 17, 1964	6 1/2	25	60	45	D
Con IV	"	H. Bulson	"	Oct. 26, 1966	6 1/2	20	60	55	D
Con IV	"	"	"	Apr. 11, 1967	6 1/2	15	60	37	D
Con IV	"	A. Jackson	"	June 30, 1965	6 1/2	15	25	11	D
Con IV	"	Ont. Dept. of Highways	"	Oct. 29, 1966	6 1/2	2	80	6	D
Con IV	"	J. Connetto	"	June 7, 1965	6 1/2	20	45	20	D

Brown clay 4; brown sandy clay 43; limestone 54. Water at 50.  
 Brown clay 8; sandy clay 40; limestone 50. Water at 47.  
 Brown clay 8; blue sandy clay 37; limestone 48. Water at 45.  
 Brown stony clay 10; blue stony clay 42; limestone 53. Water at 50.  
 Brown stony clay 10; blue stony clay 40; limestone 50. Water at 48.  
 Brown stony clay 10; blue stony clay 43; limestone 51. Water at 49.  
 Brown stony clay 8; blue stony clay 45; limestone 52. Water at 50.  
 Brown sandy clay 20; blue clay 41; shale 47; limestone 52. Water at 50.  
 Brown clay 12; blue clay 42; shale 46; limestone 52. Water at 50.  
 Brown clay 10; stony blue clay 36; limestone 87. Water at 60.  
 Brown clay 10; stony blue clay 38; limestone 47. Water at 43.  
 Sandy clay 26; limestone 70. Water at 60.  
 Brown clay 6; blue clay 29; limestone 70. Water at 60.  
 Brown clay 8; blue clay 27; limestone 40. Water at 38.  
 Brown clay 15; blue stony clay 31; limestone 42. Water at 40.  
 Brown clay 10; blue stony clay 3; limestone 46. Water at 43.  
 Brown clay 10; blue stony clay 32; limestone 40. Water at 34.  
 Brown clay 6; blue stony clay 35; limestone 92. Water at 60.  
 Brown clay 15; blue stony clay 41; limestone 50. Water at 47.  
 Brown clay 12; blue stony clay 32; limestone 70. Water at 60.  
 Brown clay 12; blue stony clay 31; limestone 75. Water at 65.  
 Brown clay 12; blue stony clay 30; limestone 41. Water at 30.  
 Brown clay 12; blue stony clay 28; rock 41. Water at 32.  
 Brown clay 10; blue stony clay 46; limestone 53. Water at 50.  
 Brown clay 10; blue stony clay 40; limestone 47. Water at 44.  
 Topsoil 2; fine grey clay with clay 35; grey clay 45; limestone 52. Water at 52.  
 Topsoil 3; sand and gravel 35; quicksand 55; stones and gravel 36. Water at 58.  
 Silt 23; broken limestone 25; grey limestone 40. Water from 6 to 23 and at 32.  
 Sandy clay 30; running sandy clay 45; muddy sand 65; clay and stones 74; snail rock 60; rock 81. Water at 80.  
 Sandy clay 30; reddish brown muddy sand 65; grey clay in sand and gravel 71; bedrock 78. Water at 75.  
 Sandy clay 50; dirty sand 62; clay with stones 66; limestone 75. Water at 72.  
 Clay 29; sand and gravel in clay 30; limestone 38. Water at 36.  
 Clay 30; hardpan 34; limestone 85. Water at 36 and 80.  
 Sandy loam and clay 20; stones and gravel in clay 44; bedrock 50. Water at 47.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. East Flamborough Twp. Con IV lot 13	Imperial Mush- room Co. Ltd.	J. Ruttan	July 28, 1964	6	14	35	Fresh	In	Slightly sandy buff clay 20; grey clay 41; broken brown lime- stone 45; brown limestone 49; broken brown limestone 53. Water at 52.
Con V " 1	C. Haverlag	"	June 14, 1965	6 1/2	2 1/2	44	"	D	Silt and boulders 8; grey limestone 41; blue dolomite 44.
Con V " 4	W. Nead E. Poirier	"	July 31, 1965 Jan. 27, 1965	6 1/2 6 1/2	10 30	41 19	"	D	Water at 44. Silt; broken limestone 35; blue dolomite 41. Water at 41.
Con V " 4	"	"	Aug. 5, 1964	6 1/2	20	14	"	D	Sandy loam 29; hard clay and gravel 32; bedrock 44. Water at 40.
Con V " 6	J. Price	G. Wallis	Jun. 7, 1967	6 1/2	20	14	"	D	Sandy loam 32; limestone 40. Water at 37.
Con V " 7	J. Gollob	Cross Bros.	Apr. 14, 1964	6 1/2	5	45	"	D	Brown sand and gravel 16; gravelly grey clay 26; brown lime- stone 36. Water at 34.
Con V " 7	M. Scott	"	Aug. 14, 1964	6 1/2	8	25	"	D	Sandy loam 25; fine sand 60; fine gravel 65; limestone 72. Water at 70.
Con V " 8	C. Kaly	"	Nov. 20, 1967	6 1/2	20	30	"	D	Sandy loam 15; sand 23; sand and gravel 40. Water at 40.
Con V " 9	E. McGibbon	W. Packham	Oct. 9, 1964	6 1/2	20	10	"	D	Sandy loam 20; sand 32; shaly rock 56; rock 62. Water at 60.
Con V " 9	H. Hopkins	J. Ruttan	Dec. 7, 1965	6 1/2	10	77	"	D	Dull red sand 41; grey sand and clay 65; layered limestone 67; brown limestone 77. Water at 75.
Con V " 10	M. Mako	G. Wallis	June 22, 1967	6 1/2	30	65	"	D	Brown sand 40; sand and gravelly grey clay 67; grey limestone 90. Water at 86.
Con V " 13	M. Kaly	F. Ince	Aug. 25, 1965	6 1/2	20	35	"	D	Brown sandy clay 40; blue sandy clay 60; shale 75; rock 80. Water at 75.
Con V " 13	I. Wareing	W. Packham	Sep. 20, 1965	6 1/2	20	40	"	D	Excavation 4; sandy clay 55; clay and gravel and hardpan 60; limestone 63. Water at 60.
Con V " 13	E. Weidla	G. Wallis	July 6, 1966	6 1/2	3 1/2	66	"	D	Brown sandy soil 12; sandy grey clay 50; grey clay 61; sand and gravel and packed grey clay 67; grey limestone 80 1/2. Water at 75.
Con V " 13	N. Goodbrand	W. Packham	Oct. 27, 1966	6 1/2	30	50	"	D	Sandy clay 60; shale and limestone 65. Water at 62.
Con VI " 2	L. Fairhurst	F. Ince	Aug. 30, 1967	6 1/2	20	6	"	D	Brown stony clay 16; limestone 32. Water at 28.
Con VI " 5	Organ Bros.	S. Gull	Oct. 19, 1967	6 1/2	20	45	"	D, S	Sandy clay 18; sand 30; sandy clay 50; sand and gravel 61; rock 64. Water at 64.
Con VI " 7	J. VanHoever	Cross Bros.	July 9, 1964	6 1/2	8	25	"	D	Sandy loam 6; sand and gravel 30; quicksand 40; limestone 44. Water at 44.
Con VI " 8	V. Rouane	E. O'Connor	Feb. 24, 1964	6 1/2	9	56	"	D	Brown clay 4; quicksand 72; coarse gravel 76. Water at 72.
Con VI " 8	Flamorough Centre Baptis	W. Packham	July 23, 1964	6 1/2	20	35	"	P	Dug well 14; sandy clay loam 52; shaly limestone 56. Water at 54.
Con VI " 8	E. Stronks	J. Ruttan	June 6, 1966	6 1/2	20	24	"	D	Sandy loam 31; dull red clay 50; grey gravel and clay 54; fine grey gravel 57 1/2. Water at 34, 54 and 57.
Con VI " 9	G. Ridgeway	"	Oct. 12, 1965	6 1/2	10	58	"	D	Brown sand 36; quicksand and grey clay 47; grey sand clay and gravel 58. Water from 16 to 36.
Con VI " 12	E. Shelton	W. Packham	Nov. 25, 1965	6 1/2	30	45	"	D	Basement 7; sandy clay 75; bedrock 88. Water at 83.
Con VI " 12	M. Goulden	Cross Bros.	Jan. 25, 1966	6 1/2	5	2	"	D	Brown clay 5; clay and boulders 23; limestone 28. Water at 28.
Con VI " 12	H. Friebe	J. Anderson	June 13, 1967	6 1/2	20	5	"	D	Brown clay with pebbles 22; black shale 24; grey limestone 37. Water at 35.
Con VI " 13	H. Cummins	"	Feb. 22, 1964	6 1/2	15	40	"	D	Dug well 20; quicksand and silty clay 88; grey limestone 94. Water at 92.

WENTWORTH COUNTY - cont.															
Con VI	Con VI	lot 13	cont.												
Con VI	Con VI	" 13	East Flamborough Twp.	L. Kolonics	G. Wallis	June 1, 1965	6 1/2	30	60	45	Fresh	D	Brown sandy soil 70; grey clay 91; grey limestone 102. Water at 100.		
Con VI	Con VI	" 13	"	Q. Shanchellia	W. Packham	Oct. 18, 1965	6 1/2	30	40	35	"	D	Brown clay 97; bedrock 89. Water at 88.		
Con VI	Con VI	" 13	"	F. Fekete	G. Wallis	Nov. 29, 1965	6 1/2	30	50	38	"	D	Brown sandy soil 58; grey clay 81; grey limestone 88. Water at 86.		
Con VII	Con VII	" 3	"	K. Wiirland	J. Anderson	Aug. 2, 1966	6 1/2	15	5	4	"	C	Brown clay 6; quicksand 32; black shale 35. Water at 35.		
Con VII	Con VII	" 3	"	E. Dekryger	J. Rutten	Aug. 17, 1966	6 1/2	20	14	14	"	D	Silt 8; boulders and gravel 25; layered limestone 28; grey limestone 33 1/2. Water at 33.		
Con VII	Con VII	" 3	"	B. Alderson	"	Dec. 26, 1967	6 1/2	9	55	18	"	D	Brown sandy loam 17; sand 17; sand gravel and boulders 22; sand and gravel 29; grey limestone 55. Water at 34 and 53.		
Con VII	Con VII	" 5	"	D. Prodhon	G. Wallis	Dec. 7, 1966	6 1/2	22	23	10	"	D	Dug well 13; grey clay 20; grey limestone 36 1/2. Water at 35.		
Con VII	Con VII	" 7	"	R. Jackson	"	Aug. 10, 1966	6 1/2	2	50	20	"	D	Dug well 17; gravelly grey clay 61; sand and fine gravel stones 63. Water at 62.		
Con VII	Con VII	" 7	"	I. Christiansen	"	June 6, 1967	6 1/2	4	70	28	"	D	Sandy brown clay 15; gravelly grey clay 68 1/2; grey limestone 80. Water at 77.		
Con VII	Con VII	" 8	"	D. & O. Constr.	Cross Bros.	Sep. 10, 1966	6 1/2	10	20	8	"	D	Brown clay 11; limestone 27. Water at 25.		
Con VII	Con VII	" 8	"	E. Flamboro Twp	W. Packham	June 12, 1967	6 1/2	25	28	18	"	P	Stony clay 42; shaly rock 45; rock 56. Water at 50.		
Con VII	Con VII	" 8	"	M. Miles	"	July 3, 1967	6 1/2	8	30	Flows	"	D	Stony clay 30; shaly rock 35; rock 47. Water at 39 and 45.		
Con VII	Con VII	" 12	"	R. Butwick	"	Apr. 13, 1967	6 1/2	6	35	12	"	D	Clay with stones 15; limestone 40. Water at 35.		
Con VII	Con VII	" 13	"	W. Sensen	"	Dec. 29, 1967	6 1/2	20	30	4	"	D	Stony clay 16; shaly rock 40; solid rock 45. Water at 42.		
Con VII	Con VII	" 13	"	W. Brandis	J. Rutten	Mar. 27, 1965	6 1/2	15	50	40	"	D	Silt 2; yellow sand 11; reddish sand and gravel and boulders 31; sand and gravel 63; gravel sand and boulders 66; layered limestone 68; grey limestone 74. Water at 40 to 66 and at 70.		
Con VIII	Con VIII	" 4	"	T. Ramshaw	"	May 3, 1965	6 1/2	1	64	28	"	D	Sand 44; sand gravel and boulders 47; layered limestone 49 1/2; limestone 62 1/2; blue shale 64. Water at 51 1/2.		
Con VIII	Con VIII	" 4	"	J. Rucker	"	July 27, 1966	6 1/2	10	11	7	"	D	Sand and gravel 7; sand 14; gravel and some clay 19; grey limestone 40. Water at 39.		
Con VIII	Con VIII	" 4	"	H. Huismon	W. Packham	Sep. 24, 1966	6 1/2	15	75	50	"	D	Stones boulders and gravel in clay 45; sand and gravel 55; hardpan 75; limestone 89. Water at 77 and 87.		
Con VIII	Con VIII	" 4	"	A. Morris	J. Rutten	Dec. 27, 1966	6 1/2	10	84 1/2	36	"	D	Boulders and gravel 60; limestone layers 63; grey limestone 84 1/2. Water at 79.		
Con VIII	Con VIII	" 4	"	R. Harrington	"	Jan. 9, 1967	6 1/2	10	55	35	"	D	Sand gravel and boulders 64; grey limestone 70. Water at 64.		
Con VIII	Con VIII	" 4	"	J. Huismon	W. Packham	Mar. 17, 1967	6 1/2	20	40	25	"	D	Stones and boulders in red clay 35; hardpan with coarse gravel 52; limestone 63. Water at 60.		
Con VIII	Con VIII	" 4	"	H. Huismon	"	Apr. 12, 1967	6 1/2	15	30	17	"	D	Clay and stones 20; clay and gravel 35; sand 39; gravel 40. Water at 40.		
Con VIII	Con VIII	" 5	"	"	"	Apr. 9, 1964	6 1/2	10	40	11	"	D	Sand and gravel in loam 20; sandy clay stones and boulders 32; limestone 58. Water at 22.		
Con VIII	Con VIII	" 5	"	W. Miller	Cross Bros.	May 13, 1965	6 1/2	10	30	20	"	D	Topsoil 15; sandy loam 20; sand and gravel 45; fine gravel 40. Water at 40.		
Con VIII	Con VIII	" 5	"	H. Huismon	J. Rutten	June 19, 1965	6 1/2	5	39	7	"	D	Sand 8; sand and gravel 15; flag stone 24; grey limestone 39. Water at 17 to 24 and at 37.		
Con VIII	Con VIII	" 5	"	M. Bernard	"	Aug. 4, 1965	6 1/2	3	50	13	"	D	Brown sand 12; grey clay and gravel 24; flagstone 35; grey limestone 50. Water at 49.		
Con VIII	Con VIII	" 5	"	W. Alderson	"	Dec. 23, 1965	5	6	73	38 1/2	"	D	Gravel and boulders 58; broken limestone 60; grey limestone 73. Water at 65.		

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. East Plainborough - cont. Con VIII 10 5	H. Hinson	W. Packham	July 13, 1966	6 1/2	20	35	25	Fresh	D	Muddy sand 45; sand gravel in soft clay 55; stones gravel and shale 57. Water at 57.
Con VIII	"	"	Nov. 1, 1966	6 1/2	10	30	14	"	D	Sand 10; sandy clay with small stones 30; large boulder 33; gravel. Water at 33.
Con VIII	L. Hamilton	F. Ince	June 9, 1967	6 1/2	15	14	7	"	D	Brown stony clay 19; coarse gravel 21. Water at 21.
Con VIII	E. Veriney	W. Packham	July 18, 1967	6 1/2	20	29	27	"	D	Stone and gravel in clay 15; clay 55; gravel and stones 43. Water at 43.
Con VIII	H. Huisman	"	Aug. 12, 1967	6 1/2	12	30	14	"	D	Sandy loam 10; stones and boulders in clay 33; sand and gravel 35. Water at 35.
Con VIII	VanDeBouye Const.	J. Rutten	Oct. 16, 1964	6 1/2	10	22	15 1/2	"	D	Sand and gravel 14; sand gravel and boulders 28. Water from 15 to 28.
Con VIII	VanHoeve Const.	"	June 1, 1965	6 1/2	10	22	14	"	D	Sand 6; sand and gravel 16; broken limestone 18; grey limestone 47 1/2. Water at 44.
Con VIII	J. Huisman	W. Packham	Aug. 16, 1967	6 1/2	30	18	16	"	D	Sand loam 6; clay and some stones 27; bedrock 34. Water at 31.
Con VIII	J. Bennett	"	May 10, 1965	6 1/2	20	45	38	"	D	Sandy clay 40; sand and gravel 65; gravel 68. Water at 68.
Con VIII	VanHoeve Const.	J. Rutten	May 4, 1965	6 1/2	10	20	15	"	D	Sand and gravel 13; broken limestone 15; grey limestone 39 1/2. Water at 27 and 35.
Con VIII	J. Melko Blar	Cross Bros.	July 27, 1967	6 1/2	10	35	22	"	D	Brown clay and stone 50; coarse gravel 52. Water at 52.
Con VIII	A. McCartney	J. Rutten	June 21, 1965	6 1/2	7	37	7	"	D	Fill 6; flag stone 12; grey limestone 37. Water at 20 and 36.
Con VIII	S. Anderson	W. Packham	Aug. 1, 1964	6 1/2	20	25	15	"	D	Stones and clay 24; limestone 60. Water at 56.
Con VIII	F. Groen	"	Dec. 9, 1967	6 1/2	25	40	15	"	S	Clay with small stone 10; shale 12; limestone 59. Water at 35 and 55.
Con VIII	B. Poirier	"	July 28, 1965	6 1/2	20	35	11	"	D	Stony clay 15; shale 20; rock 45. Water at 43.
Con VIII	" Blar	"	Feb. 24, 1967	6 1/2	30	10	5	"	D	Clay with stones 16; bedrock 46. Water at 43.
Con VIII	Leyen Bros.	Graham Well Drlg	Mar. 10, 1964	5	15	20	7	"	D, S	Clay topsill 4; broken shale 22; light grey rock 48; very light grey rock 78; dark grey rock 80. Water at 48 and 78.
Con VIII	J. Royle	E. Pegg	June 22, 1965	6 1/2	15	11	8	"	D	Topsoil 3; clay and boulders 9; boulders 12; clay 14; limestone 19. Water at 18.
Con VIII	R. Poirier	W. Packham	May 16, 1966	6 1/2	20	6	4	"	D	Stony clay 18; shale and limestone 20. Water at 20.
Con VIII	B. Winters	Cross Bros.	Nov. 23, 1966	6 1/2	10	15	8	"	D	Topsoil 2; stone and boulders 18; fine gravel 21. Water at 21.
Con VIII	D. Harper	W. Packham	May 25, 1967	6 1/2	30	12	7	"	D	Stony clay 20; bedrock 30. Water at 27.
Con VIII	R. Poirier	"	Aug. 19, 1967	6 1/2	30	6	4	"	D	Sandy clay 10; gravel in clay 17; gravel 19; shale 21. Water at 20.
Con IX	C. Vardendrock	G. Wallis	Dec. 15, 1966	6 1/2	14	27	10	"	D	Brown gravelly clay and stones 16; brown sand and gravelly clay 31; yellowish brown limestone 41. Water at 39.
Con IX	F. Footman	B. O'Connor	Oct. 15, 1966	6 1/2	5	30	15	"	D	Sand and gravel 29; limestone 33. Water at 31.
Con IX	H. Huisman	"	May 10, 1966	6 1/2	8	30	10	"	D	Clay loam and some stone 17; white limestone 34. Water at 20 and 30.
Con IX	C. Wright	B. O'Connor	Sep. 17, 1966	6 1/2	8	26	22	"	D	Sand and gravel 38. Water at 38.
Con IX	E. Colwill	J. Rutten	Oct. 22, 1966	6 1/2	5	86	43	"	D	Dull red sand gravel and boulders 63; layered limestone 69; grey limestone 86. Water at 43 to 63 and at 83.
Con IX	A. Verhoeven	Cross Bros.	Oct. 5, 1967	6 1/2	10	45	40	"	D	Brown clay and stones 44; limestone 49. Water at 49.
Con IX	Blar	W. Packham	Sep. 25, 1965	6 1/2	30	35	23	"	D	Sandy loam and clay 30; gravel in sandy clay 55; bedrock 79. Water at 70.

WENTWORTH COUNTY - cont.									
East Flamborough Twp. -									
Con IX	lot 7	P. Barton	May 4, 1964	6 1/2	10	45	23	Fresh	D
Con IX	"	J. Polier	Feb. 12, 1966	6 1/2	30	50	28	"	D
Con IX	"	R. Huisman	Oct. 25, 1966	6 1/2	20	30	27	"	D
Con IX	"	"	"	"	"	"	"	"	"
Con IX	"	D. Currie	Sep. 25, 1967	6 1/2	30	30	18	"	D
Con IX	"	C. Reid	Aug. 10, 1964	6 1/2	15	6	3 1/2	"	D
Con IX	"	"	"	"	"	"	"	"	"
Con IX	"	J. Gray	Aug. 13, 1964	6 1/2	8	53	8	"	D
Con IX	"	P. Bayfield	July 25, 1966	6 1/2	10	12	8	"	D
Con IX	"	C. Weaver	July 30, 1964	6 1/2	20	13	13	"	D
Con IX	"	"	May 7, 1967	6 1/2	15	15	8	"	D
Con IX	"	"	July 10, 1967	6 1/2	5	35	10	"	F
Con IX	"	"	"	"	"	"	"	"	"
Con IX	"	J. Hamilton	Nov. 11, 1965	6 1/2	15	21	8	"	D, S
Con IX	"	T. Stevenson	Oct. 24, 1967	6 1/2	18	14	12	"	D
Con IX	"	G. Heatherington	Sep. 12, 1966	6 1/2	5	64	10	"	D
Con IX	"	J. Leezy	July 29, 1967	6 1/2	12	38	38	"	D
Con IX	"	"	"	"	"	"	"	"	"
Con IX	"	Z. Stiporski	Aug. 26, 1967	6 1/2	25	45	39	"	D
Con X	"	J. Huisman	Nov. 4, 1967	6 1/2	30	45	27	"	D
Con X	"	R. Husk	July 20, 1967	6 1/2	12	33	27	"	D
Con X	"	Dr. A. Johnson	July 31, 1967	6 1/2	25	15	7	"	D
Con X	"	W. McArthy	Feb. 15, 1965	6 1/2	21	31	18	"	D, S
Con X	"	E. Thurston	Mar. 28, 1963	6 1/2	12	22	19 1/2	"	D
Con X	"	D. Lyons	Oct. 26, 1967	6 1/2	12	12	9	"	D
Con X	"	P. Kadarh	Sep. 8, 1966	6 1/2	20	70	45	"	D
Con XI	"	V. Muller	Aug. 14, 1965	6 1/2	10	59	19	"	D
Con XI	"	P. Smith	May 29, 1967	6 1/2	20	16	2	"	D
Con XI	"	"	"	"	"	"	"	"	"
Con XI	"	K. Groal	Dec. 30, 1967	6 1/2	7	39	11	"	D
Con XI	"	"	"	"	"	"	"	"	"
Con XI	"	J. Gains	May 8, 1964	6 1/2	10	25	25	"	D
Con XI	"	A. Waller	May 8, 1964	6 1/2	20	96	95	"	D
Con XI	"	"	"	"	"	"	"	"	"
Con XI	"	W. Gruenberg	Oct. 7, 1966	6 1/2	12	24	15	"	D
Con XI	lot 8	R. Challinor	Apr. 15, 1967	6 1/2	9	45	15	Fresh	D, S
Con XI	"	H. Huisman	May 16, 1967	6 1/2	2	14	8	"	D
Con XI	"	Blad.	"	"	"	"	"	"	"
Con XI	"	"	"	"	"	"	"	"	"
Con XI	"	12 E. Marbo	Aug. 18, 1967	6 1/2	30	20	18	"	D
Con XI	"	"	Apr. 5, 1967	6 1/2	10	25	12	"	D, S
Con XI	"	2 F. Chester	May 7, 1966	6 1/2	5	60	25	"	D

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
WENTWORTH COUNTY - cont.										
East Flamborough Twp. - cont.										
Con XII	lot 7	R. Harris	Apr. 5, 1965	6	20	20	3	Fresh	D	Brown sandy gravel 3; limestone 51. Water from 25 to 48.
Con XII	" 7	J. O'Rourke	May 17, 1967	6 1/2	17 1/2	13	10	"	D	Clay and stone 11; grey limestone 29. Water at 26.
Con XII	" 7	A. Webb	June 9, 1967	6 1/2	14	10	8	"	D	Brown clay 3; grey limestone 32. Water at 30.
Con XII	" 11	R. Maher	Aug. 2, 1965	6 1/2	10	15	20	"	D	Sandy loam 11; limestone 55. Water at 48.
Con XII	" 12	D. Drown	July 11, 1966	6 1/2	30	12	8	"	D	Sandy clay and gravel 15; limestone 28. Water at 26.
Con XII	" 12	H. Huisman	July 15, 1966	6 1/2	30	10	4	"	D	Stone & sandy clay 10; sand and gravel 28; sand and gravel 30. Water at 30.
Con XII	" 12	J. Deurles								
Con XII	" 12	H. Huisman	Nov. 22, 1967	6 1/2	20	6	3 1/2	"	D	Brown clay with stone 28; brown limestone 33. Water at 32.
Con XIII	" 1	H. Small	Oct. 7, 1966	6 1/2	6	47	14	"	D	Light brown silt and boulders 17; grey clay and boulders 29; grey limestone 47. Water at 34 and 45.
Glenford Twp.										
Con I	lot 1	Brouwer Bros.	May 20, 1965	24	5	25	17	Fresh	D	Hardpan and stone 32; sand 35. Water from 32 to 35.
Con I	" 1	E. Sojka	Sep. 25, 1965	24	5	10	4	"	D	Brown clay 12; blue hardpan 25; blue clay and silt 30; hard blue clay and gravel 38. Water at 38.
Con I	" 1	A. Maslankowski	May 4, 1966	36	1		4	"	D	Brown sandy loam 6; blue hard clay 36; coarse grey sand 39. Water at 36.
Con I	" 1	D. Patterson	June 26, 1967	30	3	34	28	"	D	Topsoil 1; brown clay 12; grey clay 28; grey sand 38. Water at 28.
Con I	" 4	Mike's custom Built Homes	July 27, 1964	6 1/2	1	90	15	"	D	Sandy loam 15; brown clay 26; grey clay 56; limestone 92. Water at 80.
Con I	" 6	A. Alderson	Aug. 1, 1964	6 1/2	50	75	35	"	D	Drilled in basement 5; brown clay 10; blue clay 58; limestone 75. Water at 74.
Con I	" 6	"	Oct. 29, 1964	6 1/2	2	82	45	"	D	Brown clay 10; blue clay 64; limestone 82. Water at 80.
Con I	" 6	C. Blais	Apr. 15, 1965	6 1/2	1	84	40	"	D	Brown clay 8; blue clay 65; limestone 84. Water at 80.
Con I	" 6	A. Alderson	Jan. 20, 1966	6 1/2	1	75	35	"	D	Brown clay 10; blue clay 51; limestone 75. Water at 73.
Con I	" 6	L. Harbottle	Apr. 30, 1966	6 1/2	20	40	35	"	D	Brown clay 10; blue clay 67; limestone 79. Water at 76.
Con I	" 6	P. Brouwer	Mar. 31, 1967	6 1/2	1	70	40	"	D	Brown clay 10; blue clay 64; limestone 76. Water at 74.
Con I	" 7	C. Dunbrack	Dec. 4, 1964	6 1/2	3	55	30	"	D	Topsoil 4; brown clay 25; coarse sand 32; grey clay 48; limestone 80. Water at 80.
Con I	" 9	J. Zizek	May 4, 1967	6 1/2	15	40	20	"	D	Topsoil 4; brown clay 15; blue clay 20; limestone 58. Water at 55.
Con I	" 11	CWC Developments Ltd.	July 21, 1964	5	3	36	22	"	D	Topsoil 2; brown clay 15; blue clay 37; limestone 52. Water at 52.
Con I	" 11	J. Nicklos	Oct. 31, 1964	5 1/2	5	40	35	"	D	Topsoil 4; brown clay and rough boulders 42; coarse gravel 46. Water at 43.
Con I	" 11	R. Kee	May 5, 1967	6 1/2	20	35	20	"	D	Topsoil 4; brown clay 20; blue clay 40; red shale 46. Water at 42.
Con I	" 16	M. Babula	Mar. 7, 1966	6 1/2	6	40	25	"	D	Brown clay 19; limestone 49. Water at 48.
Con II	" 1	A. Maslankowski	Oct. 27, 1964	36	4	15	10	"	D	Hard brown clay 5; grey sandy clay 14; gravel 15; hard grey clay 17. Water at 14.
Con II	" 1	"	Oct. 31, 1964	36	5	15	5	"	D	Brown sandy loam 5; grey sand and hardpan 20; grey hardpan and stone 30; sand 32. Water at 32.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Glenford Twp. - cont. Con III	1	A. Masliniowski	Jan. 22, 1965	36	5	14	8	Fresh	D	Brown sand and clay 8; grey hardpan 23; grey sand and clay 30; red sand layer 31; hard clay 34; red sand 35; silt 36. Water at 8 and 36.
Con III	" 1	"	May 8, 1965	36	5	15	12	"	D	Brown sandy clay 12; brown sand 16; grey hardpan 25; heavy clay 32; medium coarse sand 35. Water at 12 and 35.
Con III	" 1	"	May 9, 1966	36	5	14	4	"	D	Brown sand 10; hardpan 28; blue clay 35; coarse grey sand 37. Water at 35.
Con III	" 1	D. Nuehl	June 23, 1966	36	5	10	5	"	D	Brown clay 12; sand 15; blue hardpan 30; medium fine sand 34. Water at 34.
Con III	" 1	W. Irwin	Sep. 6, 1966	36	5	14	7	"	D	Black loam 1; brown clay 10; sand 11; silt and clay layers 19; hard blue clay 34; medium coarse sand 36. Water at 34.
Con III	" 1	B. Smith	Jan. 18, 1966	6 1/2	8	80	25	"	D	Brown clay 28; blue clay 42; quicksand 100; limestone 107. Water at 107.
Con III	" 1	K. Coleman	Mar. 18, 1966	36	10		4	"	D	Brown sandy clay 8; hardpan and some stone 37; coarse sand 39. Water at 39.
Con III	" 2	G. Bisette	Jan. 20, 1965	6 1/2	3	90	20	"	D	Topsoil 4; brown clay 20; fine grey sand and clay mixture 90; grey clay 103; limestone 119. Water at 119.
Con III	" 3	D. Koning Bldr.	Sep. 15, 1965	6 1/2	3	94	25	"	D	Brown clay 16; blue clay 42; fine sand 50; blue clay 65; fine sand 80; blue clay 94; fine gravel 96. Water at 96.
Con III	" 5	Young Heslop Golf Enterprises	Aug. 5, 1965	30	3	27		"	F	Grey clay 28; paving sand 34; grey clay 55; sand 60. Water from 34 to 38 and from 55 to 60.
Con III	" 5	B. Powell	Nov. 18, 1965	27 1/2	1	12		"	D	Topsoil 2; brown clay 12; brown sand 19; blue grey clay 39; grey sand 43. Water at 36.
Con III	" 5	W. Mair	Aug. 8, 1967	30	3	34	8	"	D	Topsoil 1; brown sandy clay 9; grey sand 14; blue clay 18; blue-grey sand 35. Water at 9 and 18.
Con III	" 5	L. DeMalle	Aug. 10, 1967	30	3	32	4	"	D	Topsoil 1; brown clay 12; blue clay 18; blue sandy clay 34. Water at 5 and 18.
Con III	" 6	H. Stewes	Mar. 4, 1965	6 1/2	22	20		"	D	Brown clay 18; blue clay 56; limestone 74. Water at 72.
Con III	" 6	S. Elzinga Bldr.	Aug. 17, 1965	6 1/2	85	40		"	D	Brown clay 20; blue clay 55; limestone 92. Water at 74.
Con III	" 6	K. Maradin	May 26, 1967	6 1/2	8	60	32	"	D	Brown clay 24; blue clay 36; quicksand 70; fine sand 74; limestone 88. Water at 86.
Con III	" 6	D. Smith	Aug. 10, 1967	30	3	37	12	"	D	Topsoil 1; brown clay and sand 16; blue sandy clay 29; blue sand 40. Water at 16 and 29.
Con III	" 7	J. VanHoeve Bldr.	Jan. 29, 1964	6 1/2	5	50	26	"	D	Topsoil 1; brown clay 16; blue clay 28; fine sand 50; blue clay 50; limestone 61. Water at 59.
Con III	" 7	"	Feb. 8, 1964	6 1/2	8	60	30	"	D	Brown clay 30; blue clay 40; fine sand 54; blue clay 65; limestone 69. Water at 68.
Con III	" 7	"	Feb. 11, 1964	6 1/2	5	40	20	"	D	Brown clay 20; blue clay 31; fine sand 50; blue clay 55; limestone 60. Water at 59.
Con III	" 7	D. Koning	Sep. 25, 1964	6 1/2	1 1/2	90	36	"	D	Brown clay 26; blue clay 50; quicksand 58; coarse gravel 60; limestone 92. Water at 75.
Con III	" 7	S. Elzinga Bldr	Sep. 30, 1964	6 1/2	1 1/2	92	35	"	D	Brown clay 28; blue clay 45; quicksand 62; limestone 94. Water at 76.
Con III	" 7	E. Kruegel	July 24, 1965	6 1/2	8	60	32	"	D	Brown clay 26; blue clay 38; quicksand 50; blue clay 64; limestone 70. Water at 69.
Con III	" 7	D. Koning Bldr.	Aug. 12, 1965	6 1/2	1 1/2	85	35	"	D	Brown clay 22; blue clay 55; limestone 85. Water at 70.

WENTWORTH COUNTY - cont.									
Glanford Con III	Wp. - cont. lot 7.								
Con III	S. Elzinga Bldr.	Jan. 12, 1966	6 1/2	5	60	40	Fresh	D	Brown clay 25; blue clay 40; quicksand 65; limestone 68. Water at 68.
Con III	"	June 8, 1965	6 1/2		68	22	"	D	Brown clay 30; limestone 68. Water at 60.
Con III	L. Ecker	Sep. 11, 1967	6 1/2		67	25	"	D	Brown clay 30; limestone 67. Water at 60.
Con III	P. Fedell	Sep. 10, 1966	6 1/2		65	40	"	D	Brown clay 22; blue clay 29; grey limestone 70. Water at 40.
Con IV	S. Koning & Son Bldr.	Aug. 18, 1966	6 1/2	15	90	70	"	D	Brown clay 24; grey clay 60; quicksand 103; limestone 112. Water at 112.
Con IV	"	Mar. 22, 1966	6 1/2	5	90	60	"	D	Brown clay 22; grey clay 60; quicksand 90; blue clay 100; limestone 105. Water at 105.
Con IV	"	June 21, 1966	6 1/2	8	85	55	"	D	Brown clay 22; grey clay 60; quicksand 75; blue clay 104; limestone 117. Water at 115.
Con IV	"	June 15, 1966	6 1/2	5	90	60	"	D	Brown clay 20; grey clay 55; quicksand 82; blue clay 100; limestone 106. Water at 106.
Con IV	"	Nov. 30, 1966	6 1/2	3	90	60	"	D	Brown clay 20; grey clay 55; quicksand 90; blue clay 104; limestone 110. Water at 110.
Con IV	W. Weston Brouwer Bros. Bldr.	Apr. 26, 1965	6 1/2	20	65	55	"	D	Clay 108; gravel and limestone 111. Water at 110.
Con IV	F. Ince	Dec. 30, 1966	6 1/2	30	102	40	"	D	Brown clay 10; blue clay 79; limestone 102. Water at 95.
Con IV	"	Sep. 20, 1967	6 1/2	10	80	75	"	D	Brown clay 22; grey clay 106; limestone 108. Water at 108.
Con IV	H. Booker	Dec. 29, 1967	6 1/2	8	75	70	"	D	Brown clay 25; grey clay 107; fine gravel 108. Water at 108.
Con IV	Gavin Constr. Ltd.	Nov. 9, 1967	6 1/2	15	85	80	"	D	Brown clay 15; blue clay 114; limestone 115. Water at 115.
Con IV	J. Detelder	Apr. 10, 1964	6 1/2	8	108	60	"	D	Brown clay 6; blue clay 115; limestone 122. Water at 120.
Con IV	S. Tuba	June 3, 1965	6 1/2	1	136	50	"	D	Brown clay 15; blue clay 104; limestone 136. Water at 135.
Con IV	C. Cummins	June 29, 1965	6 1/2	4	100	40	"	D	Brown clay 22; grey clay 48; quicksand 85; blue clay 118; limestone 122. Water at 122.
Con IV	K. Hagan	Oct. 26, 1965	6 1/2	4	100	50	"	D	Brown clay 10; blue clay 115; limestone 123. Water at 122.
Con IV	D. Etheridge	Feb. 2, 1967	6 1/2	8	80	40	"	D	Brown clay 18; grey clay 38; quicksand 70; blue clay 110; limestone 112. Water at 112.
Con IV	Twp. Glanford	Aug. 18, 1964	6 1/2	1	114	30	"	P	Brown clay 10; blue clay 81; limestone 114. Water at 112.
Con IV	P. Riga	Mar. 15, 1965	6 1/2	2	73	30	"	"	Brown clay 15; blue clay 22; limestone 73. Water at 71.
Con IV	R. Rose	June 6, 1966	6 1/2	1	91	28	"	"	Brown clay 11; grey clay 50; grey limestone 70; whitish limestone 105. Water at 101.
Con IV	B. Ferguson	Mar. 10, 1967	6 1/2	20	35	25	"	"	Brown clay 12; blue clay 61; rock 67. Water at 66.
Con IV	West Bldr.	Sep. 21, 1964	6 1/2	20	60	35	"	"	Clay 72; limestone 83. Water at 81.
Con V	P. Ollie	Feb. 5, 1964	6 1/2	5	70	42	Sulphur	D	Topsoil; brown clay 28; quicksand 68; blue clay 92; limestone 99. Water at 98.
Con V	Oliver Constr.	Mar. 19, 1964	6 1/2	15	90	55	Fresh	D	Brown clay 10; blue clay 104; gravel 105. Water at 105.
Con V	R. Smith	Aug. 7, 1964	6 1/2	20	90	57	"	D	Clay 99; limestone 108. Water at 105.
Con V	A. Leslie Const.	Feb. 2, 1965	6 1/2	10	105	55	"	P	Brown clay 15; blue clay 100; limestone 114. Water at 112.
Con V	J. French	Aug. 22, 1966	6 1/2	20	70	60	"	P	Brown clay 15; blue clay 100; shale 108. Water at 100.
Con V	Southern Pines Golf Club	June 30, 1964	8	25	150	55	"	Ir	Topsoil; brown clay 31; grey clay 35; quicksand 90; blue clay 108; coarse gravel 112; limestone 191. Water at 135 and 190.
Con V	N. Korpelaar	Sep. 16, 1964	6 1/2	10	80	35	"	D	Brown clay 20; blue clay 40; grey sandy clay 80; silt 101; gravel 102; grey rock 105. Water at 102 to 105; silt 101; Topsoil; brown clay 23; blue clay 47; quicksand 82; blue clay 110; limestone 121. Water at 120.
Con V	C. Dalton	Jan. 21, 1965	6 1/2	5	90	50	"	D	Topsoil; brown clay 23; blue clay 47; quicksand 82; blue clay 110; limestone 121. Water at 120.
Con V	H. Poelman	Jan. 31, 1967	6 1/2	3	130	83	"	D	Dug well 21; blue clay 12; limestone 133. Water at 130.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Glanford Twp. - cont. Con V lot 7	S.Koning & Son	Cross Bros.	Mar. 27, 1965	6 1/2	10	60	30	Fresh	D	Topsoil 1; brown clay 16; grey clay 48; quicksand 90; blue clay 110; fine gravel 112. Water at 112.
Con V	H. Twiss	W. Packham	Feb. 26, 1964	6 1/2	2	110	60	"	D, S	Clay 9; limestone 110. Water at 108.
Con V	V. Ferguson	E. Constable	Feb. 27, 1964	6 1/2	10	75	60	"	D	Topsoil 3; blue clay 7; sand 10; limestone 106. Water at 104.
Con V	J. Hannaford	W. Packham	Mar. 24, 1964	6 1/2	10	120	55	"	D	Clay 9; limestone 127. Water at 99 and 125. Water at 140.
Con V	V. Ferguson	"	Sep. 28, 1965	5	1	140	57	"	D	Old well with muddy water 110; bedrock 143. Water at 140.
Con V	CNC Develop- ments	W. Scriven	Sep. 4, 1964	6 1/2	3	90	50	"	D	Topsoil 2; brown clay 50; fine grey sandy soil 58; grey clay 108; limestone 119. Water at 119.
Con V	"	"	July 16, 1964	6 1/2	5	75	50	"	D	Topsoil 4; brown clay 25; blue clay 100; gravel 102. Water at 102.
Con V	"	"	Sep. 26, 1964	6 1/2	5	60	50	"	D	Topsoil 2; brown clay 45; fine grey sandy soil 50; grey clay 100; gravel 102. Water at 102.
Con V	P. Bedell	E. Constable	Oct. 17, 1964	6 1/2	5	80	58	"	D	Topsoil 5; brown clay 28; blue clay and rough boulders 94; limestone 98. Water at 96.
Con V	CNC Develop- ments Ltd.	Cross Bros.	Jan. 6, 1965	6 1/2	10	80	60	"	D	Topsoil 1; brown clay 28; grey clay 60; quicksand 90; grey clay 108; fine gravel 112. Water at 96.
Con V	"	"	Jan. 9, 1965	6 1/2	10	80	60	"	D	Topsoil 1; brown clay 30; grey clay 65; quicksand 90; grey clay 112; fine gravel 116. Water at 116.
Con V	"	W. Scriven	Jan. 14, 1965	6 1/2	5	78	50	"	D	Topsoil 4; brown clay 70; coarse sand 85; grey clay 100; limestone 105. Water at 105.
Con V	"	Cross Bros.	Apr. 5, 1965	6 1/2	10	80	60	"	D	Brown clay 2; grey clay 58; quicksand 80; grey clay 107; fine gravel 109. Water at 109.
Con V	T. Brave	E. Constable	June 5, 1965	6 1/2	10	90	60	"	D	Brown clay 18; blue clay 98; fine dirty gravel 113; grey shale 125. Water at 120.
Con V	S. Schuman	F. Ince	Oct. 8, 1965	6 1/2	4	115	50	"	D	Brown clay 10; blue clay 109; limestone 121. Water at 118.
Con V	M. Bachuk Bldr.	Cross Bros.	Dec. 4, 1967	6 1/2	10	80	40	"	D	Brown clay 16; blue clay 106; limestone 107. Water at 107.
Con VI	A. Alderson	F. Ince	June 8, 1964	6 1/2	10	60	40	"	D	Brown clay 15; blue clay 63; limestone 72. Water at 70.
Con VI	B. Farnham	"	June 12, 1967	6 1/2	20	60	30	"	D	Brown clay 15; blue clay 73; limestone 103. Water at 102.
Con VI	S. Koning & Son Bldg. Contr.	Cross Bros.	July 5, 1965	6 1/2	5	85	22	"	D	Brown clay 15; blue clay 36; quicksand 80; blue clay 95; fine gravel 95. Water at 95.
Con VI	R. Renold	E. Constable	July 15, 1965	6 1/2	5	60	30	"	D	Topsoil 5; brown clay 45; blue clay 80; shale 95. Water at 92.
Con VI	F. Love	Cross Bros.	Aug. 25, 1965	6 1/2	10	20	15	"	S	Brown clay 16; blue clay 40; quicksand 63; fine gravel 64. Water at 64.
Con VI	S. Koning & Son Bldg. Contr.	"	Jan. 6, 1966	6 1/2	8	50	30	"	D	Brown clay 20; blue clay 40; quicksand 85; blue clay 96; fine gravel 100. Water at 100.
Con VI	"	"	July 21, 1966	6 1/2	3	95	28	"	D	Brown clay 24; blue clay 45; quicksand 90; blue clay 100; fine gravel 102; limestone 103. Water at 102.
Con VI	E. Sirard	F. Ince	Aug. 19, 1964	6 1/2	20	8	8	"	D	Brown clay 8; blue clay 80; gravel 81. Water at 81.
Con VI	VanHoeve Const.	Cross Bros.	Nov. 1, 1966	6 1/2	5	75	40	"	D	Brown clay 28; blue clay 84; limestone 92. Water at 90.
Con VI	F. Pauls	E. Constable	Dec. 2, 1967	6 1/2	20	50	30	"	D	Topsoil 5; brown clay 40; blue clay 108; fine gravel 115. Water at 114.
Con VI	H. McPeeters	W. Packham	June 26, 1967	6 1/2	10	80	55	"	C	Clay 89; limestone 100. Water at 95.
Con VI	J. Gayrett	"	June 6, 1964	6 1/2	20	55	50	"	D	Clay 11; open shale 116. Water at 115.
Con VI	G. Deroot Bldr.	F. Ince	Oct. 8, 1964	6 1/2	20	50	30	"	D	Drilled in basement 5; blue clay 110; shale 111. Water at 111.
Con VI	"	"	May 25, 1965	6 1/2	20	50	40	"	D	Brown clay 10; blue clay 109; shale 110. Water at 110.
Con VI	H. Pearce	"	Sep. 28, 1966	6 1/2	15	90	30	Sulphur	D, S	Brown clay 15; blue clay 89; limestone 100. Water at 98.

## WENTWORTH COUNTY - cont.

[illegible]

See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Glanford Twp. - cont.										
Con VI lot 16	E. Kooyman Const.	Cross Bros.	Aug. 15, 1966	6½	6	65	40	Fresh	D	Brown clay 35; grey clay 70; fine gravel 75. Water at 75.
Con VI lot 16 L. Harbottle	"	E. Constable	June 16, 1967	6½	5	70	35	Fresh	D	Topsoil 5; brown clay 40; blue clay 68; shale 80. Water at 76.
Con VI lot 16 L. Garner	"	"	June 18, 1967	5	10	40	30	"	D	Topsoil 5; brown clay and boulders 40; blue clay 60; limestone 68. Water at 64.
Con VI lot 16 L. Harbottle	"	"	June 23, 1967	6½	5	70	35	"	D	Topsoil 5; brown clay 38; blue clay 68; shale 80. Water at 74.
Con VI lot 16 Sym Roy Corp.	"	S. Merritt	Aug. 25, 1967	6½	15	60	45	"	D	Clay 40; quicksand and clay 62; clay boulders and gravel 75; limestone 95. Water from 78 to 95.
Con VI lot 16 CWC Dev. Ltd.	"	Cross Bros.	Oct. 3, 1967	6½	12	40	24	"	D	Brown clay 16; grey clay 54; fine gravel 55. Water at 55.
Con VI lot 16 T. Allen	"	E. Constable	Nov. 3, 1967	6½	5	45	30	"	D	Topsoil 4; brown clay 20; blue clay 70; grey shale 80. Water at 74.
Con VI lot 16 J. Jones	"	J. Wickett	Nov. 9, 1967	6½	24	41	41	"	D	Brown clay 18; blue clay 58; dirty gravel 65. Water at 65.
Con VI lot 16 Gracita Investments	"	F. Ince	Dec. 9, 1967	6½	20	50	35	"	D	Brown clay 20; blue clay 83; shale 84. Water at 84.
Con VII lot 1	VanHoeve Const. Ltd.	Cross Bros.	Aug. 21, 1965	6½	3	80	35	"	D	Topsoil 1; brown clay 18; blue clay 40; quicksand 79; limestone 89. Water at 85.
Con VII lot 1 A. Berry	"	F. Ince	June 29, 1967	6½	8	100	45	"	D, S	Brown clay 15; blue clay 77; limestone 106. Water at 106.
Con VII lot 1 VanHoeve Const.	"	Cross Bros.	June 22, 1967	6½	10	50	30	"	D	Brown clay 18; blue clay 40; quicksand 70; limestone 74. Water at 74.
Con VII lot 1	"	"	Aug. 23, 1965	6½	10	75	35	"	D	Brown clay 20; blue clay 40; quicksand 79; limestone 84. Water at 84.
Con VII lot 1 J. Betts, Bldr.	"	"	July 23, 1966	6½	8	70	40	"	D	Brown clay 22; blue clay 48; quicksand 87; limestone 92. Water at 92.
Con VII lot 1 VanHoeve Const.	"	"	Aug. 12, 1967	6½	15	40	24	"	D	Brown clay 20; blue clay 44; quicksand 69; limestone 72. Water at 72.
Con VII lot 1	"	"	Aug. 10, 1967	6½	15	40	24	"	D	Brown clay 20; blue clay 44; quicksand 69; limestone 72. Water at 72.
Con VII lot 1	"	"	Aug. 30, 1967	6½	3	85	20	Sulphur	D	Brown clay 20; blue clay 50; quicksand 76; limestone 93. Water at 92.
Con VII lot 1	"	"	Sep. 12, 1967	6½	10	55	28	Fresh	D	Brown clay 20; blue clay 40; quicksand 74. Water at 74.
Con VII lot 1	"	"	Sep. 15, 1967	6½	1	75	26	"	D	Brown clay 20; blue clay 55; quicksand 76; limestone 86. Water at 86.
Con VII lot 1	"	"	Oct. 25, 1967	6½	1½	85	28	"	D	Brown clay 22; blue clay 50; quicksand 80; limestone 88. Water at 86.
Con VII lot 4 J. Marshal	"	F. Ince	July 5, 1967	6½	5	110	45	"	D, S	Brown clay 15; blue clay 82; rock 116. Water at 115.
Con VII lot 6 Alma Builder's	"	"	Aug. 22, 1964	6½	15	70	40	"	D	Brown clay 8; blue clay 82; shale 83. Water at 83.
Con VII lot 12 J. Bocsi	"	"	Aug. 16, 1965	6½	10	30	20	Sulphur	D, S	Dug well 20; blue clay 42; shale 43. Water at 43.
Con VII lot 12 J. Villiers	"	"	Aug. 16, 1965	6½	20	30	18	"	D	Brown clay 13; blue clay 30; shale 40. Water at 40.
Con VII lot 13 J. Bocsi	"	"	Sep. 30, 1965	6½	20	30	20	Fresh	D	Brown clay 13; blue clay 51; shale 52. Water at 52.
Con VII lot 2 J. Smith	"	Cross Bros.	Aug. 6, 1964	6½	5	70	30	"	D	Brown clay 12; grey clay 86; fine gravel 90. Water at 90.
Con VIII lot 6 G. Deroc	"	"	Jan. 27, 1964	6½	20	40	35	"	D	Brown clay 13; blue clay 60; shale 70. Water at 70.
Con VIII lot 12 E. Brown	"	Cross Bros.	Sep. 22, 1967	6½	10	70	50	"	D	Brown clay 13; blue clay 80; fine gravel 87. Water at 87.
Con VIII lot 14 N. Turner	"	E. Constable	June 16, 1967	6½	5	48	35	"	D	Topsoil 3; brown clay 31; quicksand 47; limestone 58. Water at 54.



WENTWORTH COUNTY - cont.

Hamilton City	S. Woolley	F. Ince	6 1/2	15	65	55	Fresh	D	Brown clay 8; blue clay 74; shale 75; limestone 80. Water at 75.
	J. Denik	Cross Bros.	6 1/2	3	28	32	"	D	Brown clay 13; limestone 43. Water at 40.
	N. Bredeson	F. Ince	6 1/2	1 1/2	28	32	"	D	Brown clay 4; blue clay 13; limestone 58. Water at 56.
	A. Alderson	"	6 1/2	8	20	30	"	D	Brown clay 5; blue clay 54; limestone 65. Water at 62.
	J. Kemp Const. Ltd.	S. Gill	6 1/2	2	65	18	"	D	Blue clay 20; blue clay 30; sandy clay 38; rock 70. Water at 60 and 68.
	A. Alderson	F. Ince	6 1/2	1	62	30	"	D	Drilled in basement 5; blue clay 51; limestone 67. Water at 40.
	"	"	6 1/2	1/2	63	30	"	D	Drilled in basement 5; blue clay 50; limestone 68. Water at 40.
	J. Khos	Cross Bros.	6 1/2	8	25	15	"	D	Brown clay 10; limestone 32. Water at 30.
	A. Pierroz	J. Wickett	5	13	33	25	"	D	Brown clay 4; grey limestone 38. Water at 27.
	Dicenzo Constr.	S. Merritt	6 1/2	16	10	10	"	D	Blue clay 25; Niagara rock 35. Water at 35.
	H. Devries	Cross Bros.	6 1/2	3	40	12	"	D	Brown clay 10; limestone 43. Water at 40.
	D. Joy	W. Sariven	6 1/2	3	58	42	"	D	Topsell; brown clay 9; limestone 67. Water at 67.
	G. Hockridge	"	6 1/2	5	30	22	"	D	Topsell; brown clay 20; blue clay 36; limestone 40. Water at 40.
	A. Gope & Sons	S. Gill	6 1/2	8	45	4	Sulphur	N	Grey rock 130; red shale 170. Water at 48.
	J. Muir	W. Sariven	6 1/2	3	18	10	"	D	Topsell; brown clay 12; limestone 24. Water at 24.
	A. Alderson	F. Ince	6 1/2	3	70	40	"	D	Brown clay 6; blue clay 94; limestone 73. Water at 70.
	L. Harbottle	"	6 1/2	15	20	10	"	D	Brown clay 6; blue clay 13; limestone 28. Water at 26.
	A. Alderson	"	6 1/2	3	60	20	Sulphur	D	Drilled in basement 5; blue clay 45; limestone 60. Water at 56.
	Butkevicius Constr.	S. Merritt	6 1/2	6	50	25	"	D	Blue clay 12; clay and quicksand 21; limestone 60. Water at 48, 52, 56 and 60.
	K. VanDerScheff	F. Ince	6 1/2	3	48	20	"	D	Brown clay 10; blue clay 49; shale 50. Water at 50.
	Mikes Custom House	Cross Bros.	6 1/2	10	50	34	"	D	Brown clay 4; limestone 66. Water at 63.
	A. Alderson	P. Ince	6 1/2	1	70	30	"	D	Drilled in basement 5; brown clay 10; blue clay 57; limestone 75. Water at 68.
	VanHoever Const.	Cross Bros.	6 1/2	2	75	35	"	D	Brown clay 21; quicksand 51; grey clay 55; limestone 76. Water at 74.
	" Ltd.	"	6 1/2	2	75	36	"	D	Brown clay 23; quicksand 50; grey clay 56; limestone 78. Water at 76.
	A. Alderson	F. Ince	6 1/2	20	50	40	Sulphur	D	Brown clay 10; blue clay 77; shale 78. Water at 78.
	VanHoever Const. Ltd.	Cross Bros.	6 1/2	1	80	35	"	D	Brown clay 20; quicksand 45; grey clay 52; limestone 81. Water at 78.
	D. Konig Elder	"	6 1/2	5	45	34	"	D	Brown clay 22; grey clay 35; quicksand 54; fine gravel 57. Water at 57.
	VanHoever Const. Ltd.	"	6 1/2	1/2	84	40	"	D	Brown clay 20; quicksand 40; grey clay 55; limestone 84. Water at 76.
	J. Twarg	G. Wallis	6 1/2	3	96	35	"	D	Brown clay 18; grey clay 74; red clay 95; grey clay 109; fine gravel 110; red shale 110 1/2. Water at 109 1/2.
	T. Randall	Cross Bros.	6 1/2	5	30	22	"	D	Brown clay 5; limestone 40. Water at 36.
	Steinmager & A. Elders.	"	6 1/2	8	30	20	"	D	Brown clay 16; blue clay 32; quicksand 38; limestone 46. Water at 46.
	G. Allington	"	6 1/2	8	68	40	"	D	Brown clay 16; grey clay 48; quicksand 54; limestone 74. Water at 72.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
WESTNORTH COUNTY - cont. Hamilton City - cont.	A. Alderson	P. Ince	Aug. 17, 1965	6 1/4	20	45	40	Fresh	D	Brown clay 10; blue clay 60; limestone 70. Water at 58.
	K. Butheviclus	J. Wickett	Aug. 23, 1965	6 1/4	15	30	13	"	D	Brown clay 12; blue clay 39; white limestone 53. Water at 53.
	W. Koppelaar	S. Gill	Sep. 2, 1965	6 1/4	12	35	24	Sulphur	C	Grey clay 11; grey rock 48. Water at 20 and 42.
	A. Alderson	P. Ince	Sep. 27, 1965	6 1/4	15	50	40	Fresh	D	Brown clay 8; blue clay 54; limestone 61. Water at 60.
	B. Lertwyn	"	Oct. 2, 1965	6 1/4	15	60	35	"	D	Brown clay 12; limestone 69. Water at 65.
	G. Bertollo	Cross Bros.	Oct. 4, 1965	6 1/4	5	35	26	"	D	Old well 25; limestone 38. Water at 38.
	"	"	Oct. 5, 1965	6 1/4	5	35	26	"	D	Old well 31; limestone 45. Water at 45.
	S. Garro Bldrs	"	Oct. 13, 1965	6 1/4	5	30	20	Sulphur	D	Brown clay 6; limestone 37. Water at 36.
	A. Alderson	P. Ince	Oct. 20, 1965	6 1/4	20	50	43	Fresh	D	Brown clay 10; blue clay 57; shale 58. Water at 58.
	City of	Cross Bros.	Oct. 29, 1965	5 1/2	10	30	8	"	P	Old drilled well 25; limestone 37. Water at 37.
	Hamilton	"	"	"	"	"	"	"	"	"
	P. Johnson	P. Ince	Nov. 25, 1965	6 1/4	3	60	40	"	D	Brown clay 10; blue clay 62; limestone 70. Water at 68.
	W. Bertollo	W. Packham	May 21, 1966	6 1/4	30	15	6	"	D	Clay 16; limestone 48. Water at 18 and 35.
	J. Barrett	Cross Bros.	June 10, 1966	6 1/4	5	18	10	"	D	Brown clay 19; limestone 24. Water at 24.
	J. Bick	W. Packham	July 25, 1966	6 1/4	9	40	22	"	D	Clay 41; limestone 53. Water at 51.
	C. Dunbrook Bldr.	"	"	6 1/4	2	40	20	"	D	Clay 10; limestone 44. Water at 35.
Saltfleet Twp. Con III Con III Con III Con III Con III Con III Con III Con IV Con IV Con IV Con IV Con IV	W. Koppelaar	S. Gill	Aug. 17, 1966	6 1/4	7	36	27	Sulphur	C	Brown clay 11; limestone 46. Water at 44.
	United Steel & Metal Co.	G. Wallis	Oct. 28, 1966	6 1/4	15	70	16	Fresh	In	Black sandy muck 12; soft grey clay 54; red clay and soft shale 66; hard red shale 84. Water at 80.
	Shaw Pipe Production Ltd.	Cross Bros.	Sep. 19, 1966	6 1/4	20	28	24	"	In	Loose Gravel 4; brown clay 8; limestone 38. Water at 37.
	D. Quinn	"	Oct. 14, 1966	6 1/4	10	45	25	Sulphur	D	Brown clay 6; limestone 48. Water at 45.
	J. Fairfield	P. Ince	Sep. 20, 1966	6 1/4	5	38	18	Fresh	D	Brown clay 4; limestone 38. Water at 36.
	B. Vervardo	F. Merritt	Feb. 11, 1967	6 1/4	10	5	4	Sulphur	D	Brown clay 12; grey limestone 25. Water at 24.
	J. Gostley	G. Wallis	Feb. 24, 1967	6 1/4	20	25	18	Fresh	D	Brown clay and broken limestone 3; grey limestone 40 1/2. Water at 38.
	Unit Step Products	Cross Bros.	June 21, 1967	6 1/4	8	28	22	"	D	Brown clay 12; limestone 35. Water at 34.
	J. Miklos	J. Wickett	Sep. 15, 1967	6 1/4	6	36	8	"	D	Brown clay and sand 18; dirty gravel 35; limestone 44. Water at 44.
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
Saltfleet Twp. Con III Con III Con III Con III Con III Con III Con III Con IV Con IV Con IV Con IV Con IV	A. Harrison	F. Merritt	June 17, 1964	6 1/4	3	28	15	Fresh	D	Brown loam 4; shale 8; grey limestone 30. Water at 28.
	P. Weylie	"	Sep. 26, 1966	6 1/4	35	35	30	"	D, S	Brown clay 2; grey limestone 50. Water at 45.
	E. Colbourne	"	Mar. 3, 1967	6 1/4	25	8	8	"	D	Brown clay 3; grey limestone 40. Water at 38.
	E. Francisosa	"	Apr. 30, 1966	6 1/4	1	65	6	"	D	Brown clay 20; clay and gravel 55; red shale 72. Water at 62.
	J. Autenheuler	G. Wallis	May 24, 1966	6 1/4	7	52	10	"	D	Topsoil and stones 11; limestone 64; blue rock 66. Water at 49 and 60.
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
Saltfleet Twp. Con III Con IV Con IV Con IV Con IV	S. Werjeski	E. Constable	May 24, 1967	6 1/4	10	23	8	"	D	Brown clay 3; grey shale 20; limestone 50. Water at 45.
	D. Krsajcic	G. Wallis	May 27, 1966	6 1/4	16	20	1	"	D	Brown clay 9; grey clay 12; grey limestone 25. Water at 23.
	A. Cherubin	"	July 28, 1967	6 1/4	8	60	33	"	D	Brown clay 19; grey clay 35; grey limestone 50; blue rock 65. Water at 62.
	"	"	"	"	"	"	"	"	"	"
Saltfleet Twp. Con IV Con IV	T. Paul	S. Gill	Aug. 19, 1965	6 1/4	10	65	49	"	D	Dug well 28; grey clay 52; rock 77. Water at 65 and 75.
	"	E. Constable	May 7, 1967	6 1/4	5	35	20	"	D	Topsoil 2; brown clay 22; blue clay 38; limestone 50. Water at 47.





# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
WENTWORTH COUNTY - cont.									
Saltsfleet Twp. - cont.									
Con VII lot 7	J. Vargo	G. Wallis	Sep. 29, 1967	6 1/2	2	26	Fresh	D	Brown clay 14; grey limestone 30. Water at 29.
Con VII "	"	"	Nov. 22, 1967	6 1/2	20	35	"	D	Brown clay 16; grey limestone 52. Water at 27 and 50.
Con VII "	G. Tassero	F. Merritt	June 8, 1965	6 1/2	10	20	"	C	Blue clay 2; grey limestone 45. Water at 44.
Con VII "	R. Walters	"	May 26, 1966	6 1/2	10	25	"	D	Blue clay 40; grey shale 42. Water at 42.
Con VII "	Binbrook	"	Mar. 20, 1967	8 1/2	5	45	"	D	Brown clay 24; blue clay 44; grey limestone 56. Water at 51.
Con VII "	Bulders	G. Wallis	Jan. 5, 1967	6 1/2	1	130	"	D	Grey clay 19 1/2; grey limestone 145. Water at 40.
Con VII "	P. Dwytrskyn	F. Merritt	Dec. 3, 1965	6 1/2	2	25	"	D	Blue clay 20; grey limestone 27. Water at 26.
Con VII "	A. Caterini	"	May 30, 1966	6 1/2	10	2	"	D	Brown clay 16; grey limestone 28. Water at 26.
Con VII "	T. Paul	"	Aug. 26, 1965	6 1/2	5	20	"	D	Old well 2; limestone 30. Water at 30.
Con VII "	W. Thomson	Cross Bros.	Oct. 2, 1966	6 1/2	25	28	"	D	Grey clay 8; grey limestone 42. Water at 40.
Con VII "	F. Vataua	G. Wallis	June 3, 1967	6 1/2	19	15	"	F	Brown clay 8; limestone 32. Water at 30.
Con VII "	Saltsfleet Rec. and Parks	Cross Bros.	"	"	"	"	"	"	"
Con VII "	"	"	"	"	"	"	"	"	"
Con VIII "	G. Mstruglio	S. Merritt	May 30, 1967	6 1/2	16	30	"	S	Clay 38; sand and shale 40; Niagara rock 49. Water from 44 to 49.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	J. Priesz	F. Merritt	June 9, 1967	6 1/2	10	25	"	D, S	Brown clay 28; blue clay 35; grey limestone 42. Water at 42.
Con VIII "	J. TenBrinke	S. Gill	Sep. 18, 1965	6 1/2	10	35	"	S	Dug well 30; grey rock 44. Water at 42.
Con VIII "	E. Haustra	F. Merritt	June 3, 1966	6 1/2	20	30	"	D, S	Blue clay 34; limestone 48. Water at 47.
Con VIII "	F. Radwidny	G. Wallis	May 26, 1966	6 1/2	12	25	"	D	Brown clay 20; grey clay 39; grey limestone 46 1/2. Water at 45.
Con VIII "	Hamilton Gun Club	J. Wickett	Nov. 5, 1965	5	20	18	"	F	Brown clay 18; white Niagara 26. Water at 26.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	E. Skarvinko	G. Wallis	June 17, 1967	6 1/2	9	33	"	D	Brown clay 15; grey clay 33; grey limestone 47. Water at 45.
Con VIII "	J. Kemp Constr.	A. Packhem	Mar. 1, 1965	6 1/2	20	35	"	S	Clay 33; very shaly rock 36; solid limestone 43. Water at 40.
Con VIII "	J. Ottenhaier	Cross Bros.	Dec. 13, 1967	6 1/2	12	32	"	D	Brown clay 18; grey clay 44; limestone 48. Water at 47.
Con VIII "	R. Crawford	W. Scriven	May 28, 1964	8 1/2	5	18	"	D	Topsoil 2; brown clay 10; grey clay 33; limestone 36. Water at 36.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	J. Hodiak	E. Constable	Aug. 6, 1967	6 1/2	2	28	"	D	Topsoil 3; brown clay 20; blue clay 23; limestone 36. Water at 34.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	Heeringa Bros.	F. Merritt	Nov. 6, 1965	6 1/2	10	35	"	D	Brown clay 35; grey limestone 42. Water at 41.
Con VIII "	Elfrida S. School	E. Constable	Nov. 6, 1966	6 1/2	5	42	"	F	Drilled well 38; limestone 48. Water at 45.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	J. Wilson	F. Merritt	May 29, 1964	6 1/2	10	15	"	D	Brown clay 8; grey limestone 30. Water at 28.
Con VIII "	J. Senior	"	May 8, 1965	6 1/2	10	8	"	D	Brown clay 16; grey rock 24. Water at 23.
Con VIII "	A. Stewart	"	July 1, 1965	6 1/2	10	6	"	D	Brown clay 11; grey limestone 29. Water at 29.
Con VIII "	CWG Developments Ltd.	W. Scriven	July 27, 1964	6 1/2	3	30	"	D	Topsoil 2; brown clay 6; limestone 39. Water at 39.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	H. Hartman	Cross Bros.	May 6, 1965	6 1/2	3	35	"	D	Brown clay 24; limestone 39. Water at 39.
Con VIII "	W. Gaska	G. Wallis	Aug. 16, 1966	6 1/2	2	33	"	D	Brown clay 15; grey clay 19; grey limestone 47. Water at 45.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	Starlite Homes Ltd.	Cross Bros.	Apr. 16, 1967	6 1/2	7	20	"	D	Brown clay 14; dark grey limestone 29. Water at 27.
Con VIII "	"	"	Aug. 1, 1964	6 1/2	5	20	"	D	Brown clay 10; limestone 28. Water at 27.
Con VIII "	"	"	"	"	"	"	"	"	"
Con VIII "	C. Uhler	E. Constable	Nov. 14, 1964	6 1/2	5	15	"	S	Topsoil limestone 25. Water at 23.
Con VIII "	W. Uhler	"	Nov. 12, 1966	6 1/2	3	18	"	D	Topsoil 3; brown clay 10; limestone 24. Water at 20.
Con VIII "	W. Eichsteller	Cross Bros.	May 16, 1967	6 1/2	10	30	"	D	Brown clay 12; limestone 44. Water at 40.
Con VIII "	G. Bohli	F. Merritt	Jan. 2, 1965	6 1/2	10	30	"	D	Blue clay 6; grey limestone 40. Water at 38.

WENTWORTH COUNTY - cont.

Con	I	lot	Dr.D.Batson	Hadoo Well Digging Ltd. H.Johnson	Aug. 2, 1965	20 36	4	74	Fresh	N D	Clay 20:silty sand 63. Dry hole.
Con I	2	2	T.Spratt	H.Johnson	Aug. 3, 1965	36					Clay 20:silty sand 63. Dry hole.
Con I	1	1			Oct. 27, 1966						Clay 20:silty sand 63. Dry hole.
Con I	3	3	B.Connel	G.Wallis	Nov. 25, 1965	64	6	91	60	D	Clay 20:silty sand 63. Dry hole.
Con I	4	4	G.Algera	S.Gill	Nov. 20, 1964	64	3	103	54	D	Clay 20:silty sand 63. Dry hole.
Con I	4	4	P.Nunn	F.Ince	June 23, 1965	64	1	82	40	D, S	Clay 20:silty sand 63. Dry hole.
Con I	4	4	A.Vermeer	Cross Bros.	May 9, 1967	64	10	80	40	D	Clay 20:silty sand 63. Dry hole.
Con I	5	5	J.Anthony	Hadoo Well Digging Ltd.	June 3, 1964	27 1/2	2	39	28	D	Clay 20:silty sand 63. Dry hole.
Con I	5	5	E.Nunn	F.Ince	Dec. 22, 1964	30	2	49	32	D	Clay 20:silty sand 63. Dry hole.
Con I	5	5	E.Wiersma	"	Apr. 2, 1965	64	1 1/2	80	40	D	Clay 20:silty sand 63. Dry hole.
Con I	5	5	D.Bethune	"	June 28, 1965	64	2	120	90	D	Clay 20:silty sand 63. Dry hole.
Con I	5	5	A.Fraughton	"	May 28, 1966	64	3	117	55	D	Clay 20:silty sand 63. Dry hole.
Con I	5	5	W.Mushing	S.Gill	Aug. 30, 1966	64	3	132	27	D	Clay 20:silty sand 63. Dry hole.
Con I	6	6	J.Fooke	H.Johnson	Dec. 16, 1967	36	10	25	23	D	Clay 20:silty sand 63. Dry hole.
Con I	7	7	Dr.S.Threlkeld	F.Ince	Feb. 5, 1964	64	15	66	63	D	Clay 20:silty sand 63. Dry hole.
Con I	7	7	G.Richter	"	May 26, 1964	64	8	40	26	D	Clay 20:silty sand 63. Dry hole.
Con I	7	7	Loren Constr.	F.Ince	Apr. 16, 1964	64	4	37	15	D	Clay 20:silty sand 63. Dry hole.
Con I	7	7	C.Deeringa	G.Wallis	Sep. 27, 1965	64	10	77	73	D	Clay 20:silty sand 63. Dry hole.
Con I	7	7	P.Warlett Bldr	F.Ince	Jan. 17, 1967	64	15	13	7	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	A.Till	Cross Bros.	June 19, 1967	64	40	24	20	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	G.Garless	F.Ince	Jan. 22, 1964	64	10	139	55	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	P.Vincent	"	June 16, 1964	64	15	35	28	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	M.Nicholson	G.Wallis	June 24, 1964	64	35	15	9	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	W.Armstrong	F.Ince	Aug. 4, 1964	64	5	56	54	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	T.Snedden	"	Oct. 14, 1964	64	10	128	50	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	K.Stevens	"	Jan. 4, 1965	64	2	120	50	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	T.Snedden	"	Feb. 20, 1965	64	1	120	50	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	G.Cooper	"	Apr. 22, 1965	64	10	52	35	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	N.Mengshel	"	Apr. 30, 1965	64	1 1/2	68	35	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	D.Bettick	"	June 8, 1965	64	50	108	35	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	G.Corkin	"	June 25, 1965	64	4	95	45	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	Betholomew J.	"	July 9, 1965	64	7	100	73	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	J.Hesslop	"	July 12, 1965	64	20	54	50	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	R.Perratti	"	Nov. 1, 1965	64	30	56	10	D	Clay 20:silty sand 63. Dry hole.
Con I	8	8	R.Robola	"	Nov. 2, 1965	64	30	92	40	D	Clay 20:silty sand 63. Dry hole.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. West Flamborough Twp.-cont. lot 8 W. VanderLubbe										
Con I	" 8 J. Pedem	Cross Bros.	Nov.10,1965	6½	10	75	68	Fresh	D	Sandy loam 16;fine sand 46;blue clay 70;fine sand 79;coarse gravel 82. Water at 82.
Con I	" 8 J. Pedem	F.Ince	Feb.26,1966	6½	15	50	25	"	D	Brown clay 10;blue clay 58;gravel 60. Water at 60.
Con I	" 8 J. Pedem	"	Apr.11,1966	6½	1½	67	45	"	D	Brown clay 15;blue clay 64;fine gravel 67. Water at 67.
Con I	" 8 J. Arnold	"	Apr.11,1966	6½	98	98	33	"	D	Brown clay 10;stone blue clay 77;limestone 98. Water at 90.
Con I	" 8 J. Hartmann	"	Apr.22,1966	6½	114	50	114	"	D	Brown clay 15;blue clay 86;limestone 114. Water at 110.
Con I	" 8 K. Stevens	H.Johnson	Mar.7,1965	36	5	172	28	"	D	Brown sand and clay 12;grey sand and shale 50;hardpan 53; stone and sand 69;fine sand 77. Water at 69.
Con I	" 8 J. Britton	F.Ince	May 11,1966	6½	1	80	35	"	D	Brown clay 10;blue clay 56;limestone 80. Water at 78.
Con I	" 8 R. Gawte	"	May 21,1966	6½	10	55	50	"	D	Brown clay 12;blue clay 78;fine gravel 80. Water at 80.
Con I	" 8 W. VanderLubbe	Cross Bros.	July 8,1966	6½	3	100	70	Sulphur	D	Brown clay 26;blue clay 75;fine gravel 78;blue clay 80; limestone 112. Water at 110.
Con I	" 8	"	July14,1966	6½				"		Brown clay 26;blue clay 60;coarse sand 66;blue clay 80. Dry hole.
Con I	" 8	"	July11,1966	6½				"		Brown clay 28;blue clay 60;coarse sand 68;blue clay 78. Dry hole. Casing pulled.
Con I	" 8	"	July16,1966	6½				"		Sandy loam 30;blue clay 62;coarse sand 63;blue clay 81. Dry hole. Casing pulled.
Con I	" 8 J. Long	F.Ince	July25,1966	6½	1	65	35	Fresh	D	Brown clay 10;blue clay 58;limestone 65. Water at 58.
Con I	" 8 R. Elvando	"	May 20,1966	6½	6	85	23	"	D	Sandy loam 12;grey clay 20;coarse gravel 91. Water at 91.
Con I	" 8 J. MacLean	Cross Bros.	May 23,1966	6½	12	46	46	"	D	Sandy loam 15;blue clay 82;limestone 83. Water at 83.
Con I	" 8 A. DenOtter	F.Ince	Aug.25,1966	6½	118	118	55	Sulphur	D	Brown clay 15;blue clay 77;limestone 118. Water at 110.
Con I	" 8 R. Ernst	"	Apr.12,1967	6½	12	80	35	"	D	Brown clay 10;blue clay 63;limestone 85. Water at 80.
Con I	" 8 F. Biedermann	"	Apr.24,1967	6½	10	62	26	Fresh	D	Brown clay 10;blue clay 70;fine gravel 76. Water at 76.
Con I	" 8 P. Marscheten	"	May 3,1967	6½	4	75	40	Sulphur	D	Brown clay 15;blue clay 69;limestone 80. Water at 76.
Con I	" 8 L. Bacollime	"	May 10,1967	6½	3½	70	52	Fresh	D	Brown clay 15;blue clay 69;fine gravel 75. Water at 75.
Con I	" 8 F. Marlett	"	May 23,1967	6½	1	80	45	Sulphur	D	Brown clay 15;blue clay 53;limestone 80. Water at 78.
Con I	" 8 Blinbrook	F.Werritt	June15,1967	8½	1	100	75	"	D	Brown clay 80;blue clay 101;grey limestone 108. Water at 102.
Con I	" 8 H. Zimmerman Builders	G.Wallis	June30,1967	6½	3	55	35	"	D	Sandy brown clay 24;grey clay 49;gravel and grey clay 62½; grey limestone 76. Water at 58 and 70.
Con I	" 8 L. Perry Bldr.	F.Ince	July14,1967	6½	2	128	50	"	D	Grey clay 10;blue clay 97;limestone 128. Water at 126.
Con I	" 8 P. Marlett	"	July15,1967	6½	10	83	68	"	D	Brown clay 10;blue clay 90;fine gravel 93. Water at 93.
Con I	" 8	"	July19,1967	6½	2	105	50	"	D	Brown clay 10;blue clay 100;fine gravel 107;limestone 115. Water at 107.
Con I	" 8	"	Sep.27,1967	6½	2	97	45	"	D	Brown clay 15;blue clay 67;limestone 97. Water at 95.
Con I	" 8 K. Schoedel	G.Wallis	Oct.25,1967	6½	1	125	55	"	D	Brown clay 15;blue clay 104;limestone 125. Water at 123.
Con I	" 8	"	Nov.16,1967	6½	10	50	40	"	D	Brown clay 20;grey clay 68;dark grey limestone 73. Water at 72.
Con I	" 8 H. Zimmerman	"	Nov.17,1967	6½	3½	47	38	"	D	Brown clay 24;grey clay 49;grey limestone 61. Water at 59.
Con I	" 8 R. Batrychnuk	"	Dec.20,1967	6½	20	60	47	"	D	Sandy brown clay 26;grey clay 71;grey limestone 81. Water at 78.
Con I	" 9 Bullock's Corners Park Board	F.Ince	Jan.18,1964	6½	8	39	20	"	P	Dug well 14;sandy clay 37;limestone 43. Water at 40.
Con I	" 9 VanHoove Const. Lta.	Cross Bros.	Nov.17,1964	6½	5	15	10	"	D	Brown clay 14;limestone 22. Water at 20.
Con I	" 9 J. Hezno	G.Wallis	June12,1965	6½	18	25	29	"	D	Brown sand 21;grey clay 38;fine gravel 39½. Water at 38.



## WENTWORTH COUNTY - cont.

West Flamborough - cont.

West Flamborough - cont.	Con I	lot 9	A. Livock	S. Gill	Oct. 1, 1965	64	20	55	35	Fresh	D	Blue clay 20; clay and stones 55; sand 60; grey rock 68. Water at 65 and 67.
Con I	"	9	L. Bernardy	"	Nov. 12, 1965	64	10	80	65	"	D	Blue clay 20; grey clay 70; silt 85; grey rock 97. Water at 77.
Con I	"	9	D. McCain	F. Ince	Feb. 4, 1966	64	10	100	82	"	D	Brown clay 15; blue clay 97; limestone 104. Water at 100.
Con I	"	9	G. Liveck	R. Gill	June 1, 1966	64	20	45	35	Sulphur	D	Brown sand loam 2; clay 48; sand and stone 60; limestone 68. Water at 65.
Con I	"	9	F. Marlett	F. Ince	July 6, 1966	64	10	20	15	Fresh	D	Brown clay 10; stony clay 20; limestone 30. Water at 28.
Con I	"	9	J. Geermak	"	May 7, 1966	64	20	50	30	"	D	Brown clay 12; blue clay 54; limestone 64. Water at 63.
Con I	"	9	W. TerLaak	"	Oct. 12, 1966	64	5	90	50	"	D	Previously drilled in basement 10; brown clay 20; blue clay 80; limestone 105. Water at 90.
Con I	"	9	Cross Bros.	"	May 13, 1967	64	8	25	10	"	D	Brown clay 22; limestone 32. Water at 31.
Con I	"	9	Halliday Homes Ltd.	F. Ince	May 25, 1967	64	8	55	35	"	D	Brown clay 10; blue clay 49; limestone 60. Water at 55.
Con I	"	9	F. Marlett	"	July 9, 1967	64	2	83	38	Sulphur	D	Brown clay 12; blue clay 60; limestone 83. Water at 82.
Con I	"	10	J. Thompson	"	Jan. 23, 1964	64	12	20	9	Fresh	D	Brown clay 4; sandy clay 28; gravel 30. Water at 30.
Con I	"	10	N. Hipel	"	Apr. 27, 1964	64	15	75	71	"	D	Brown clay 10; blue clay 51; limestone 87. Water at 85.
Con I	"	10	F. Marlett	"	July 1, 1965	64	20	80	75	"	D	Brown clay 15; blue clay 89; limestone 95. Water at 83.
Con I	"	10	R. Numan	S. Gill	Oct. 16, 1965	64	20	38	30	"	D	Clay and stones 2; brown rock 48. Water at 40 and 44.
Con I	"	10	F. Marlett	F. Ince	July 13, 1966	64	15	64	54	"	D	Brown clay 10; blue clay 67; limestone 74. Water at 72.
Con I	"	10	J. Pratt	"	July 22, 1967	64	20	20	15	"	D	Brown clay 8; shale 12; limestone 32. Water at 30.
Con I	"	11	W. Packham	"	Apr. 30, 1964	64	15	60	40	"	D	Pat. 4; clay 12; very soft shale 32; hard limestone 76; red shale 80. Water at 30 and 65.
Con I	"	11	Hamilton Region Conservation Authority	Cross Bros.	Aug. 25, 1967	64	1	95	40	"	F	Brown clay and boulders 23; limestone 74; blue shale 96; red shale 100. Water at 96.
Con I	"	18	A. Zuccola	"	Sep. 25, 1965	64	2	80	30	"	D	Brown clay 22; limestone 50; blue shale 85. Water at 80.
Con I	"	18	Bambly Constr.	"	Oct. 29, 1965	64	8	75	45	"	D	Brown clay 12; limestone 70; blue shale 90. Water at 90.
Con I	"	18	A. Bragnolo	G. Wallis	Jan. 11, 1966	64	4 1/2	71	30	"	D	Brown clay 10; grey clay 21; grey limestone 70; blue limestone 86. Water at 40 and 74.
Con I	"	18	T. Basile	"	Apr. 18, 1966	64	1	76	35	"	D	Light brown clay 14; grey clay 17; grey limestone 70; blue rock 86; red shale 90. Water at 84.
Con I	"	18	M. Kohlberger	"	June 2, 1966	64	1	90	36	"	D	Brown clay 19; grey clay 23; grey limestone 72; blue rock 98; red shale 102. Water at 72.
Con I	"	18	Bambly Constr.	Cross Bros.	Feb. 20, 1967	64	10	65	40	"	D	Brown clay 10; limestone 72; blue shale 79; red shale 81. Water at 80.
Con II	"	2	A. Rogalinski	"	Apr. 14, 1967	64	20	30	20	"	D	Brown sandy clay 20; blue sandy clay 27; limestone 39. Water at 37.
Con II	"	3	A. Gombor	"	Feb. 9, 1966	64	5	100	55	"	D	Brown sandy clay 10; blue clay 93; limestone 106. Water at 100.
Con II	"	3	S. Zehm	"	Apr. 11, 1966	64	20	80	65	"	D	Brown clay 15; blue clay 84; limestone 111. Water at 108.
Con II	"	3	M. Wilson	S. Gill	Oct. 1, 1966	64	6	62	45	"	D	Brown clay 14; sandy clay 24; blue clay 55; sandy clay 85; grey rock 103. Water at 103.
Con II	"	5	B. Wessel	J. Rutten	Aug. 3, 1966	64	1	91	42	"	D	Sandy soil 19; grey clay 25; brown limestone 91. Water at 42 and 85.
Con II	"	8	G. Verboef	F. Ince	Aug. 28, 1967	64	20	50	40	"	D	Brown sandy clay 15; blue clay 23; limestone 60. Water at 57.
Con II	"	8	Ont. Rendering Co.	I. Smeijser	Dec. 13, 1964	13	80	65	28	"	In	Fill 5; dirty silty sand 27; limestone 40. Water at 80.
Con II	"	6	N. Binkley	J. Anderson	June 16, 1965	64	2 1/2	41	15	"	D	Fill 4; limestone 43. Water at 41.
Con II	"	6	C. Leese	J. Rutten	June 24, 1965	64	5	32 1/2	18	"	D	Silt 3; brown limestone 32 1/2. Water at 26.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. W. Flamborough Twp.-cont.										
Con II	P. Stone	J. Rutan	Feb. 22, 1967	6 1/2	1 1/2	35	6	Fresh	D	Silt 3; broken limestone 14; limestone 35. Water at 24.
Con II	7 P. Passant	Cross Bros.	May 21, 1966	6 1/2	2	150	50	"	D	Topsoil 2; brown clay 26; blue clay 70; fine sand 102; limestone 152. Water at 140.
Con II	" 7 B. Hart	F. Ince	Oct. 30, 1967	6 1/2	10	86	84	"	D	Brown stony clay 30; blue clay 85; coarse gravel 94. Water at 94.
Con I	" 7 E. Kaarsemaker	"	Nov. 16, 1967	6 1/2	10	80	78	"	D	Brown stony clay 32; blue clay 82; gravel 90. Water at 84.
Con II	" 7 G. Kwakernaak	"	Sep. 18, 1967	6 1/2	117	70	35	"	D	Brown clay 3; brown sandy clay 20; blue clay 33; limestone 97.
Con II	" 7	"	Dec. 20, 1967	6 1/2	45	57	35	"	D	Water at 90.
Con II	" 8 J. Hamstra	S. Gill	Jan. 10, 1964	5	2	33	25	"	D	Well deepened 33; grey rock 86. Water from 40 to 86.
Con II	" 8 F. Kush	F. Ince	Feb. 16, 1964	8 1/2	1 1/2	25	25	"	D	Brown sandy clay 19; limestone 65. Water at 55.
Con II	" 8 Old Christian Reformed	"	May 28, 1964	8 1/2	1	128	50	"	D	Brown clay 10; blue clay 100; blue soupy sand 116; limestone 128. Water at 114.
Con II	" 8 Dixon Development	"	July 21, 1964	6 1/2	1	65	30	"	D	Brown clay 15; blue clay 25; limestone 65. Water at 55.
Con II	" 8	"	July 22, 1964	6 1/2	1 1/2	80	35	"	D	Brown clay 16; blue clay 35; limestone 80. Water at 75.
Con II	" 8 C. Haverlog	B. Rutan	Aug. 14, 1964	6	10	27	21	"	D	Brown sand 23; brown limestone 61. Water at 27 and 45.
Con II	" 8 K. Stutt	C. Hill	Sep. 25, 1964	4	1	40	36	"	D	Sandy clay 4; brown limestone 56 1/2. Water at 56 1/2.
Con II	" 8 Dixon Development	F. Ince	Oct. 20, 1964	6 1/2	2	94	47	"	D	Brown clay 15; blue clay 37; limestone 94. Water at 85.
Con II	" 8	"	Oct. 23, 1964	6 1/2	1	96	50	"	D	Brown clay 15; blue clay 44; limestone 96. Water at 85.
Con II	" 8 J. Elzinga	"	Dec. 6, 1966	6 1/2	10	84	78	"	D	Brown clay 6; brown sandy clay 24; rock 84. Water at 40.
Con II	" 7 T. Reid	"	Mar. 2, 1967	6 1/2	10	83	78	"	D	Brown stony clay 25; blue stony clay 83; gravel 93. Water at 93.
Con II	" 8 C. Davis	"	Apr. 4, 1967	6 1/2	15	50	40	"	D	Brown stony clay 20; blue stony clay 45; limestone 60. Water at 55.
Con II	" 8 G. Kwakernaak	"	May 31, 1967	6 1/2	90	27	27	"	D	Brown clay 10; blue clay 26; limestone 90. Water at 65.
Con II	" 8	"	June 5, 1967	6 1/2	20	90	28	"	D	Brown sandy clay 10; blue clay 27; limestone 90. Water at 65.
Con II	" 8 J. Bailey	S. Gill	June 26, 1967	6 1/2	20	77	68	"	D	Topsoil 2; sandy clay and stone 12; brown sand and gravel 30; limestone 95. Water at 95.
Con II	" 8 G. Kwakernaak	F. Ince	Aug. 4, 1967	6 1/2	1	90	35	"	D	Brown clay 10; blue clay 35; rock 90. Water at 50.
Con II	" 8	"	Aug. 25, 1967	6 1/2	15	90	30	"	D	Brown sandy clay 20; blue clay 27; limestone 90. Water at 45.
Con II	" 8 Greensville	"	Dec. 16, 1967	6 1/2	20	67	24	"	F	Brown clay 3; brown sandy clay 20; limestone 75. Water at 36 and 60.
Con II	" 8 J. Huison School	W. Packham	Oct. 20, 1967	6 1/2	6	60	23	"	D	Sandy clay 24; limestone 67. Water at 26.
Con II	" 9 Bldr.	"	Apr. 2, 1964	6 1/2	10	40	25	"	D	Blue clay with stones 34; grey rock 60. Water at 55 and 58.
Con II	" 9 O. Borman	S. Gill	Apr. 15, 1964	6 1/2	1	62	30	"	D	Brown stony clay 18; limestone 62. Water at 50.
Con II	" 9 H. Vanderveen	F. Ince	May 21, 1964	6 1/2	20	25	15	"	D	Brown clay 6; sandy clay 5; gravel 35. Water at 35.
Con II	" 9 J. Romkes	"	Oct. 12, 1964	6 1/2	1 1/2	40	6	"	C	Brown clay 6; limestone 40. Water at 25.
Con II	" 9 Greensville	"	Dec. 16, 1964	6 1/2	2	30	4	"	D	Brown clay 4; shale 10; limestone 35. Water at 8.
Con II	" 9 Auto Service	"	Feb. 23, 1965	6 1/2	8	30	8	"	D	Brown sandy clay 8; rock 35. Water at 30.
Con II	" 9 H. Guther	"	July 12, 1965	6 1/2	4	30	10	"	D	Brown sandy clay 18; shale 38. Water at 35.
Con II	" 9 B. Webber	"	Sep. 12, 1966	6 1/2	1	42	12	"	D	Brown clay 8; limestone 42. Water at 35.
Con II	" 9 G. Kwakernaak	"		6 1/2				"		





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
WENTWORTH COUNTY - cont.										
West Plamborough Twp. - cont.										
Con III lot 21	L. Chappel	W. Packham	Apr. 28, 1964	6 1/2	2	58	6	Fresh	D	Clay 19; limestone with layers shale 75; red shale 78. Water at 25 to 30.
Con III	"	Cross Bros.	Jan. 13, 1965	6 1/2	10	35	30	"	D	Brown clay 22; grey clay 38; limestone 48. Water at 47.
Con III	"	"	June 18, 1965	6 1/2	8	30	28	"	D	Brown clay 33; limestone 40. Water at 39.
Con III	"	B. O'Connor	July 21, 1967	6 1/2	11	6	6	"	D	Topsoil 1; brown clay 9; limestone 20. Water at 14.
Con IV	"	Cross Bros.	June 9, 1967	6 1/2	1	58	25	Sulphur	D	Sandy loam 7; limestone 58. Water at 50.
Con IV	"	S. Gail	Jan. 6, 1964	6 1/2	16	30	20	Fresh	D	Blue clay 6; grey rock 40. Water at 38.
Con IV	"	G. Wallis	May 11, 1965	6 1/2	25	17	3	"	D	Broken limestone 2; light grey limestone 31. Water at 30.
Con IV	"	J. Anderson	May 13, 1964	6 1/2	15	30	25	"	D	Grey limestone 35. Water at 20.
Con IV	"	P. Ince	May 20, 1965	6 1/2	12	15	6	"	D	Shale 6; limestone 35. Water at 30.
Con IV	"	J. Anderson	Sep. 17, 1966	6 1/2	12	17	9	"	D	Fill 3; grey limestone 69. Water at 68.
Con IV	"	"	Mar. 19, 1964	6 1/2	5	23	23	"	C	Floor of quarry 18; grey limestone 36. Water at 30.
Con IV	"	E. Peggs	June 29, 1965	5	10	29	21	"	D	Previously drilled 40; limestone 55. Water at 52.
Con IV	"	W. Packham	Apr. 6, 1967	6 1/2	2 1/2	60	12	"	S	Stone and clay 2; shale 4; limestone 65. Water at 62.
Con IV	"	"	June 8, 1967	6 1/2	1	50	20	"	D	Topsoil and stones 2; shale 8; bedrock 54. Water at 50.
Con IV	"	J. Anderson	July 24, 1967	6 1/2	11 1/2	58	12	"	D	Grey limestone 72. Water at 70.
Con IV	"	P. Ince	Apr. 7, 1966	6 1/2	1	66	8	"	C	Shale 2; limestone 66. Water at 60.
Con IV	"	W. Packham	May 27, 1966	6 1/2	8	50	27	"	D	Clay 45; limestone 60. Water at 50 and 55.
Con IV	"	"	Jan. 21, 1964	6 1/2	15	120	12	"	D	Sandy loam 40; sandy clay 94; limestone 138. Water at 135.
Con IV	"	P. Ince	May 14, 1964	6 1/2	20	80	40	"	D	Brown clay 10; blue sandy clay 85; hardpan 92; limestone 107. Water at 105.
Con IV	"	W. Packham	July 15, 1965	6 1/2	30	60	55	"	D, S	Brown clay 10; clay 106; shale 132. Water at 120.
Con IV	"	"	Nor. 13, 1965	6 1/2	20	70	32	"	D	Sandy loam 15; sandy clay 82; bedrock (grey limestone) 95. Water at 54.
Con IV	"	Cross Bros.	Feb. 19, 1965	6 1/2	5	65	15	"	D	Sandy loam 3; fine sand 60; fine gravel 68; coarse gravel 70. Water at 70.
Con IV	"	G. Wallis	Sep. 14, 1966	6 1/2	6	54	27	"	D	Gravelly brown sand 58; grey limestone 68. Water at 66.
Con IV	"	W. Packham	May 22, 1965	6 1/2	30	21	16	"	D	Clay 30; silty sandy clay 76; shale 79; solid rock 81. Water at 79.
Con IV	"	J. Buttan	June 24, 1965	6	2	70	8	"	D	Light brown sand 32; sand and some gravel 49; quicksand 59; limestone 70. Water at 63.
Con IV	"	G. Wallis	Oct. 6, 1965	6 1/2	25	20	7	"	D	Brown sand, silt and gravel 33; grey clay heavy sand and gravel 59; grey limestone 69. Water at 62.
Con IV	"	"	Dec. 1, 1965	6 1/2	1	20	8	"	D	Brown sandy soil 25; grey gravelly clay 59; grey limestone 538. Water at 82.
Con IV	"	Hedco Well Drllg. & Dieging Ltd.	Nov. 30, 1967	30	6	35	10	"	D, S	Sandy fill 2; brown clay 8; brown sand 10; red sand 38; grey sandy clay 40. Water at 10.
Con IV	"	W. Kohlberger	Mar. 30, 1964	6 1/2	20	65	12	"	D	Light brown clay 8; sandy grey clay 16; grey running sand 30; reddish running sand 4; fired sand and grey clay 68; grey clay 75. Water at 73.
Con IV	"	"	Apr. 1, 1964	6 1/2	20	50	13	"	D	Light brown clay 12; sandy grey clay 25; running grey sand 35; grey clay and red sand 60; sand and gravel with clay streaks 69; fine gravel and broken limestone 71. Water at 69.
Con IV	"	"	July 29, 1964	6 1/2	20	20	13	"	D	Brown sandy soil 15; sand and gravelly grey clay 40; red sand and grey clay 64; gravelly grey clay 69; broken limestone 72. Water at 70.

WENTWORTH COUNTY - cont.				West Flamborough Twp. - cont.				lot 19 W. Kohlberger				G. Wallis				Fresh				D			
Con IV	"	22	G. Bertollo	Con IV	"	22	J. Bladysh	Con IV	"	22	G. Bertollo	Con IV	"	22	J. Bladysh	Con IV	"	22	G. Bertollo	Con IV	"	22	J. Bladysh
Con V	"	1	T. Cooke	Con V	"	1	J. Boilegh	Con V	"	1	T. Cooke	Con V	"	1	J. Boilegh	Con V	"	1	T. Cooke	Con V	"	1	J. Boilegh
Con V	"	1	J. Boilegh	Con V	"	1	J. Boilegh	Con V	"	1	J. Boilegh	Con V	"	1	J. Boilegh	Con V	"	1	J. Boilegh	Con V	"	1	J. Boilegh
Con V	"	4	P. Bask	Con V	"	4	P. Bask	Con V	"	4	P. Bask	Con V	"	4	P. Bask	Con V	"	4	P. Bask	Con V	"	4	P. Bask
Con V	"	6	C. W. C. Dev. Ltd.	Con V	"	6	C. W. C. Dev. Ltd.	Con V	"	6	C. W. C. Dev. Ltd.	Con V	"	6	C. W. C. Dev. Ltd.	Con V	"	6	C. W. C. Dev. Ltd.	Con V	"	6	C. W. C. Dev. Ltd.
Con V	"	7	L. Suterski	Con V	"	7	L. Suterski	Con V	"	7	L. Suterski	Con V	"	7	L. Suterski	Con V	"	7	L. Suterski	Con V	"	7	L. Suterski
Con V	"	7	W. Smith	Con V	"	7	W. Smith	Con V	"	7	W. Smith	Con V	"	7	W. Smith	Con V	"	7	W. Smith	Con V	"	7	W. Smith
Con V	"	9	M. Onufer	Con V	"	9	M. Onufer	Con V	"	9	M. Onufer	Con V	"	9	M. Onufer	Con V	"	9	M. Onufer	Con V	"	9	M. Onufer
Con V	"	11	P. Pugliarelli	Con V	"	11	P. Pugliarelli	Con V	"	11	P. Pugliarelli	Con V	"	11	P. Pugliarelli	Con V	"	11	P. Pugliarelli	Con V	"	11	P. Pugliarelli
Con V	"	11	G. Garey	Con V	"	11	G. Garey	Con V	"	11	G. Garey	Con V	"	11	G. Garey	Con V	"	11	G. Garey	Con V	"	11	G. Garey
Con V	"	18	C. Marcanti	Con V	"	18	C. Marcanti	Con V	"	18	C. Marcanti	Con V	"	18	C. Marcanti	Con V	"	18	C. Marcanti	Con V	"	18	C. Marcanti
Con V	"	18	B. VanWolke	Con V	"	18	B. VanWolke	Con V	"	18	B. VanWolke	Con V	"	18	B. VanWolke	Con V	"	18	B. VanWolke	Con V	"	18	B. VanWolke
Con V	"	19	G. Copp	Con V	"	19	G. Copp	Con V	"	19	G. Copp	Con V	"	19	G. Copp	Con V	"	19	G. Copp	Con V	"	19	G. Copp
Con V	"	19	W. Kohlberger	Con V	"	19	W. Kohlberger	Con V	"	19	W. Kohlberger	Con V	"	19	W. Kohlberger	Con V	"	19	W. Kohlberger	Con V	"	19	W. Kohlberger
Con V	"	19	Ont. Dept. of Highways	Con V	"	19	Ont. Dept. of Highways	Con V	"	19	Ont. Dept. of Highways	Con V	"	19	Ont. Dept. of Highways	Con V	"	19	Ont. Dept. of Highways	Con V	"	19	Ont. Dept. of Highways
Con VI	"	6	A. Negy	Con VI	"	6	A. Negy	Con VI	"	6	A. Negy	Con VI	"	6	A. Negy	Con VI	"	6	A. Negy	Con VI	"	6	A. Negy
Con VI	"	6	W. Smith	Con VI	"	6	W. Smith	Con VI	"	6	W. Smith	Con VI	"	6	W. Smith	Con VI	"	6	W. Smith	Con VI	"	6	W. Smith
Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski
Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski	Con VI	"	6	A. Bogalinski
Con VI	"	7	K. O'Neill	Con VI	"	7	K. O'Neill	Con VI	"	7	K. O'Neill	Con VI	"	7	K. O'Neill	Con VI	"	7	K. O'Neill	Con VI	"	7	K. O'Neill
Con VI	"	8	I. Gardner	Con VI	"	8	I. Gardner	Con VI	"	8	I. Gardner	Con VI	"	8	I. Gardner	Con VI	"	8	I. Gardner	Con VI	"	8	I. Gardner
Con VI	"	8	J. Cooke	Con VI	"	8	J. Cooke	Con VI	"	8	J. Cooke	Con VI	"	8	J. Cooke	Con VI	"	8	J. Cooke	Con VI	"	8	J. Cooke
Con VI	"	14	H. Lember	Con VI	"	14	H. Lember	Con VI	"	14	H. Lember	Con VI	"	14	H. Lember	Con VI	"	14	H. Lember	Con VI	"	14	H. Lember
Con VI	"	16	D. Cook	Con VI	"	16	D. Cook	Con VI	"	16	D. Cook	Con VI	"	16	D. Cook	Con VI	"	16	D. Cook	Con VI	"	16	D. Cook
Con VI	"	19	G. Copp	Con VI	"	19	G. Copp	Con VI	"	19	G. Copp	Con VI	"	19	G. Copp	Con VI	"	19	G. Copp	Con VI	"	19	G. Copp
Con VII	"	1	I. Melnyk	Con VII	"	1	I. Melnyk	Con VII	"	1	I. Melnyk	Con VII	"	1	I. Melnyk	Con VII	"	1	I. Melnyk	Con VII	"	1	I. Melnyk
Con VII	"	3	J. Skaria	Con VII	"	3	J. Skaria	Con VII	"	3	J. Skaria	Con VII	"	3	J. Skaria	Con VII	"	3	J. Skaria	Con VII	"	3	J. Skaria
Con VII	"	3	J. Koren	Con VII	"	3	J. Koren	Con VII	"	3	J. Koren	Con VII	"	3	J. Koren	Con VII	"	3	J. Koren	Con VII	"	3	J. Koren
Con VII	"	5	A. Guson	Con VII	"	5	A. Guson	Con VII	"	5	A. Guson	Con VII	"	5	A. Guson	Con VII	"	5	A. Guson	Con VII	"	5	A. Guson
Con VII	"	7	J. Hopkins	Con VII	"	7	J. Hopkins	Con VII	"	7	J. Hopkins	Con VII	"	7	J. Hopkins	Con VII	"	7	J. Hopkins	Con VII	"	7	J. Hopkins
Con VII	"	7	G. Barclay	Con VII	"	7	G. Barclay	Con VII	"	7	G. Barclay	Con VII	"	7	G. Barclay	Con VII	"	7	G. Barclay	Con VII	"	7	G. Barclay
Con VII	"	10	Dr. C. Hopmans	Con VII	"	10	Dr. C. Hopmans	Con VII	"	10	Dr. C. Hopmans	Con VII	"	10	Dr. C. Hopmans	Con VII	"	10	Dr. C. Hopmans	Con VII	"	10	Dr. C. Hopmans
Con VII	"	11	I. Waxman	Con VII	"	11	I. Waxman	Con VII	"	11	I. Waxman	Con VII	"	11	I. Waxman	Con VII	"	11	I. Waxman	Con VII	"	11	I. Waxman

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depth to which formations entered below the surface are given in feet)										
WENTWORTH COUNTY - cont. West Flamborough Twp. Con VII lot 12	H. Fikar									
Con VII	R. Conin	Cross Bros.	Feb. 17, 1966	6 1/2	10	15	3	Fresh	D	Brown clay 3; fine sand 12; sand and gravel 18; fine gravel 21. Water at 21.
Con VII	A. Claessens	W. Packham	July 3, 1965	6 1/2	30	10	4	"	S	Stony clay 4; shale 20; solid rock 36. Water at 32. Water at 27.
Con VII		Cross Bros.	Sep. 28, 1966	6	12	20	15	"	C	Topsoil 2; sand and stones 6; shale 10; limestone 30. Water at 27.
Con VIII	H. Huismon	W. Packham	June 22, 1967	6 1/2	1 1/2	65	31	"	D	Stony clay 24; limestone 68. Water at 65.
Con VIII	M. Gowland	J. Rutten	July 12, 1966	6 1/2	16	35	9	"	D	Clay and flagstone 8; brown limestone 35. Water at 20 and 33.
Con VIII	E. Mushla	J. Anderson	May 31, 1965	6 1/2	13	16	14	"	D, S	Black loam 10; quicksand 28; limestone 34. Water at 32.
Con VIII	C. Hildreth	W. Packham	June 13, 1964	6 1/2	20	20	14	"	D	Stones and clay 20; shale limestone 28. Water at 28.
Con VIII	W. Jackson	P. Ince	Jan. 19, 1966	6 1/2	20	14	12	"	D	Brown stony clay 10; sandy clay 22; gravel 24. Water at 24.
Con VIII	M. Spedeler		Jan. 4, 1967	6 1/2	3 1/2	92	35	"	D, S	Drilled in pit 5; stony clay 40; sandy clay 72; limestone 92. Water at 90.
Con IX	A. Cyzius	J. Anderson	Aug. 17, 1966	6 1/2	10	21	11	"	D, S	Dark sandy soil 8; grey limestone 32. Water at 30.
Con IX	T. Cyzius	"	June 20, 1967	6 1/2	15	29	19	"	D	Brown clay with pebbles 21; grey limestone 42. Water at 40.
Con IX	R. Wise	"	Dec. 5, 1964	6	5	20	18	"	D	Dug well 12; fired soupy clay 26; limestone 56. Water at 40.
Con IX	L. Martin	W. Packham	Sep. 11, 1965	6 1/2	7	35	5	"	D	Gravel in sandy clay 20; bedrock 40. Water at 21 and 37.
Con IX	W. Revell	J. Anderson	Nov. 25, 1967	6 1/2	12	38	30	"	D	Brown clay 30; black shale 50. Water from 40 to 50.
Con IX	J. Mitchell	J. Rutten	Dec. 2, 1964	6 1/2	10	34	31	"	D	Brown clay and small boulders 21; greenish limestone 50. Water at 38 and 46.
Con IX	G. Newsome	J. Anderson	Jan. 6, 1967	6 1/2	8	47	30	"	D	Dark sandy soil 3; brown limestone 8; grey limestone 60. Water at 58.
Con IX	Our Lady of Mt. Carmel Church	G. Wallis	Oct. 19, 1967	6 1/2	20	40	21	"	P	Brown clay gravel and stones 20; gravelly grey clay 29; brown limestone 53. Water at 51.
Con X	Benson	W. Packham	June 19, 1964	8	60	35	27	"	C	Stones and gravel 15; limestone 80. Water at 75.
Con X	Chemical	"	Apr. 20, 1966	6 1/2	10	55	12	"	D	Clay loam with stones 43; limestone 60. Water at 58.
Con X	Ont. Dept. of Highways	Cross Bros.	Oct. 4, 1966	6 1/2	10	30	25	"	D	Sand gravel and boulders 15; sand and gravel 34; fine gravel 36. Water at 36.
Con X	W. Hastie	"	June 4, 1965	6 1/2	3	48	11	"	D	Fine sand 6; brown sand 16; limestone 48. Water at 20 and 47.
Con X	W. Miner	J. Anderson	Nov. 18, 1966	6 1/2	15	7	7	"	D	Full 3; limestone 30. Water at 28.
Con X	A. Devereaux	"		6 1/2				"		



# FOOTNOTES TO APPENDIX C

The following abbreviations are used to designate surveys

Abbreviations	Survey	Municipality
BBF	Beasley's Broken Front	Waterloo Twp.
BF	Broken Front	Aldborough Bertie Clinton Twp. Dover Louth Sydenham Tuscarora Westminster West Oxford West Williams Woodhouse Woolwich
BC	Bayfield Concession	Goderich Twp.
BLB	Beasley's Lower Block	Waterloo Twp.
BNS	Beasley's New Survey	Waterloo Twp.
BOS	Beasley's Old Survey	Waterloo Twp.
BRE	Baldoon Road East	Dover
BRE	Belle River East	Rochester
BRE	Bury Road East	Albemarle Eastnor Lindsay St. Edmunds
BRN	Bayfield Road North	Stanley
BRN	Bleams Road North	Wilmot
BRS	Bleams Road South	Wilmot
BRW	Belle River West	Maidstone
BRW	Bury Road West	Albemarle Eastnor Lindsay St. Edmunds
BT	Beans Tract	Waterloo Twp.
BT	Bechtel's Tract	Waterloo Twp.
BT	Burch Tract	Brantford Twp.
BUT	Beans Unnumbered Tract	Waterloo Twp.
CF	Canborough Front	Moulton
CG	Caldwell Grant	Malden
CR	Colpoy's Range	Keppel
CRE	Centre Road East	McGillivray
CRE	Communication Road East	Harwich

FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
CRN	Center Road North	Sydenham
CRS	Center Road South	Sydenham
CRW	Center Road West	McGillivray
CRW	Communication Road West	Harwich
CRW WGL	Communication Road West West of Gore Line	Harwich
CT	Clement Tract	Canborough
CT	Crook 's Tract	Woolwich
CTR RE	Caledonia-Townsend Road Range East	Oneida
CTR RW	Caledonia-Townsend Road Range West	Oneida
DRN	Durham Road North	Artemesia Bentinck Brant Glenelg Greenock Kincardine Twp. Kinloss Osprey
DRS	Durham Road South	Artemesia Bentinck Brant Glenelg Greenock Kincardine Twp. Kinloss Osprey
DT	Dochstader Tract	Canborough
ED	Eastern Division	Aldborough Ashfield Colborne Dover
ED FC	Eastern Division Front Concession	Gosfield South
ERN	Edgeware Road North	Yarmouth
ERN	Egremont Road North	Adelaide Warwick
ERN	Erb Road North	Wilmot
ERS	Edgeware Road South	Yarmouth
ERS	Erb Road South	Wilmot
ES	East Section	Wellesley
FC	Front Concession	Ashfield Howard Moore

FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
FCE	Fairchild Creek East	Onondaga
FCEMM	Front Concession East of Mohawk Mission	Onondaga Tuscarora
FC NTP	Front Concession North of Townplot	Ashfield
FC STP	Front Concession South of Townplot	Ashfield
FCW	Fairchild Creek West	Onondaga
FGT	Formerly Grantham Township	Niagara Twp. St. Catharines
FLH	Fronting Lake Huron	Plympton
FND	Formerly North Dorchester (Township)	North Oxford
FRN	Forks Road North	Moulton
FT	Fradenburg Tract	South Cayuga
GCT	German Company Tract	Waterloo Woolwich
GR	Georgian Range	Keppel
GRE	Garafraxa Road East	Egremont Glenelg Holland
GRE	Grand River East	North Dumfries South Dumfries Pilkington
GRFR	Grand River Front Range	Moulton
GRW	Garafraxa Road West	Bentinck Normanby Sullivan
GRW	Grand River West	North Dumfries South Dumfries Pilkington
HRN	Hamilton Road North	Brantford Twp.
HRS	Hamilton Road South	Brantford Twp.
HSE	Hurontario Street East	Mono Mulmur
HSW	Hurontario Street West	Mono Mulmur
HT	Heistands Tract	Waterloo Twp.
HT	Hitchings Tract	Woolwich
HT	Hornings Tract	Waterloo Twp.
IR	Indian Reserve	Canborough
JR	Jones Range	Keppel
JT	Jones Tract	North Cayuga South Cayuga



FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
JTG	Joseph Thomas Grant	Brantford Twp.
JWT	James Wilson Tract	Waterloo Twp.
KT	Kerr Tract	Brantford Twp.
LEF	Lake Erie Front	Bertie
LES	Lake Erie Survey	Harwich
LPL	London Proof Line	Biddulph
LR	Lake Range	Bruce Hay Huron Saugeen
LRE	Lake Road East	Bosanquet Colborne Stanley
LRN	Lake Road North	Houghton Southwold
LRN	Longwoods Road North	Caradoc Ekfrid Mosa
LRS	Lake Road South	Houghton Southwold
LRS	Longwoods Road South	Caradoc Ekfrid Mosa
LRW	Lake Road West	Bosanquet Colborne Stanley
MB	Middle Block	Waterloo Twp.
MPRE	Mount Pleasant Road East	Brantford Twp.
MPRW	Mount Pleasant Road West	Brantford Twp.
MRE	Mill Road East	Southwold
MRE	Mitchell Road East	Blanshard Fullarton
MRN	Malden Road North	Colchester North
MRN	Middle Road North	Maidstone Orford Rochester Tilbury East Tilbury West
MRS	Malden Road South	Colchester North
MRS	Middle Road South	Maidstone Orford Rochester Tilbury East Tilbury West

# FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
MRW	Mill Road West	Southwold
MRW	Mitchell Road West	Blanshard Fullarton
NB	North Boundary	Biddulph Hay Stephen
NBC	North Boundary Concession	Blanshard
NRE	North Road East	Houghton
NRF	Niagara River Front	Bertie
NRW	North Road West	Houghton
NT	Nelles Tract	Seneca
NTP	North of Town Plot	Ashfield
NTRE	North Talbot Road East	Westminster
NTRW	North Talbot Road West	Westminster
ORE	Oxford Road East	Downie
ORN	Oliphant Road North	Amabel Keppel
ORS	Oliphant Road South	Amabel Keppel
ORW	Oxford Road West	Downie
OSRE	Owen Sound Road East	Arthur Twp.
OSRW	Owen Sound Road West	Arthur Twp.
OTP	Oliphant Town Plot	Amabel
PC	Petite Cote	Sandwich West
PRE	Plank Road East	Seneca
PRER	Plank Road East Range	Oneida
PRW	Plank Road West	Seneca
PRWR	Plank Road West Range	Oneida
RPP	Rondeau Provincial Park	Harwich
RR	River Range	Oneida Onondaga Saugeen Seneca Tuscarora
RRE	River Road East	Southwold
RRN	Rainham Road North	Dunn
RRS	Rainham Road South	Dunn

# FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
RRW	River Road West	Southwold
SB	South Boundary	Biddulph Hay Stanley Stephen
SBC	South Boundary Concession	Blanshard Bosanquet Tehkummah
SBTP	South Baymouth Town Plot	Seneca
SCRE	Stoney Creek Road East	Seneca
SCRNW	Stoney Creek Road North West	Seneca
SCRS	Stoney Creek Road South	Seneca
SCRW	Stoney Creek Road West	Seneca
SEB	South East Boundary	Usborne
SRE	Saugeen Road East	Arran Elderslie
SRE	Sydenham Road East	Artemesia Holland Melancthon
SRN	Snider Road North	Wilmot
SRS	Snider Road South	Wilmot
STP	South of Town Plot	Ashfield
SRW	Saugeen Road West	Saugeen
SRW	Sydenham Road West	Artemesia Holland Melancthon Proton
SWB	South West Boundary	Usborne
TR	Townline Range	Harwich Howard
TREBNS	Talbot Road East Branch North Side	Southwold
TREBSS	Talbot Road East Branch South Side	Southwold
TRN	Talbot Road North	Bayham Houghton Howard Maidstone Malahide Mersea Middleton North Cayuga Orford Yarmouth
TRN	Thames River North	Fullarton North Dorchester Usborne
TRNBES	Talbot Road North Branch East Side	Southwold



FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
TRNBNS	Talbot Road North Branch North Side	Southwold
TRNBSS	Talbot Road North Branch South Side	Southwold
TRNBWS	Talbot Road North Branch West Side	Southwold
TRR	Talbot Road Range	Raleigh
TRS	Talbot Road South	Bayham Houghton Howard Maidstone Malahide Mersea Middleton North Cayuga Orford Yarmouth
TRS	Thames River South	Fullarton North Dorchester Usborne
TRS	Thames River Survey	Blanshard Harwich
TRSWB	Thames River Survey Western Boundary	Harwich
URN	Union Road North	Southwold
URS	Union Road South	Southwold
WBC	West Boundary Concession	Blanshard
WD	Western Division	Aldborough Ashfield Dover Gosfield South
WD LRE	Western Division Lake Road East	Colborne
WD LRW	Western Division Lake Road West	Colborne
WRS	Waterloo Road South	Guelph Twp.
WS	West Section	Wellesley Woolwich
WT	Westbrook Tract	Brantford Twp.

Uses of Water

The following abbreviations are used to designate uses of well water

C...Commercial	Ir...Irrigation	S... Stock
D...Domestic	P... Public Supply	T... Test hole
I...Industrial	R...Recharge well	T... Test hole with identification number
		2-61

## APPENDIX D

### Previous Reports in the Series

#### Ground Water in Ontario

1. Ground Water in Ontario, 1947, 60th Annual Report,  
Ontario Department of Mines,  
Volume LX, Part XI, 1951.
2. Ground Water in Ontario, 1948, 1949 and 1950,  
Ontario Department of Mines,  
Bulletin 145, 1953.
3. Ground Water in Ontario, 1951 and 1952,  
Ontario Department of Mines,  
Bulletin 152, 1957.
4. Ground Water in Ontario, 1953 and 1954,  
Ontario Water Resources Commission,  
Ground Water Bulletin No. 1, 1961.
5. Ground Water in Ontario, 1955 and 1956,  
Ontario Water Resources Commission,  
Ground Water Bulletin 2, 1963.
6. Ground Water in Ontario, 1957,  
Ontario Water Resources Commission,  
Ground Water Bulletin No. 3, 1965.
7. Ground Water in Ontario, 1958,  
Ontario Water Resources Commission,  
Ground Water Bulletin No. 4, 1966.
8. Ground Water in Ontario, 1959,  
Ontario Water Resources Commission,  
Ground Water Bulletin No. 5, 1966.
9. Ground Water in Ontario, Southwestern Area 1960-1963,  
Ontario Water Resources Commission,  
Ground Water Bulletin 6, 1968.
10. Ground Water in Ontario, South-Central Area 1960-1964,  
Ontario Water Resources Commission,  
Water Resources Bulletin 2-7,  
Ground Water Series 1969.
11. Ground Water in Ontario, Southeastern Area 1960-1964,  
Ontario Water Resources Commission,  
Water Resources Bulletin 2-8,  
Ground Water Series 1970.
12. Ground Water in Ontario, Northern Area 1946-1969  
Ontario Water Resources Commission,  
Water Resources Bulletin 2-9,  
Ground Water Series 1971.





